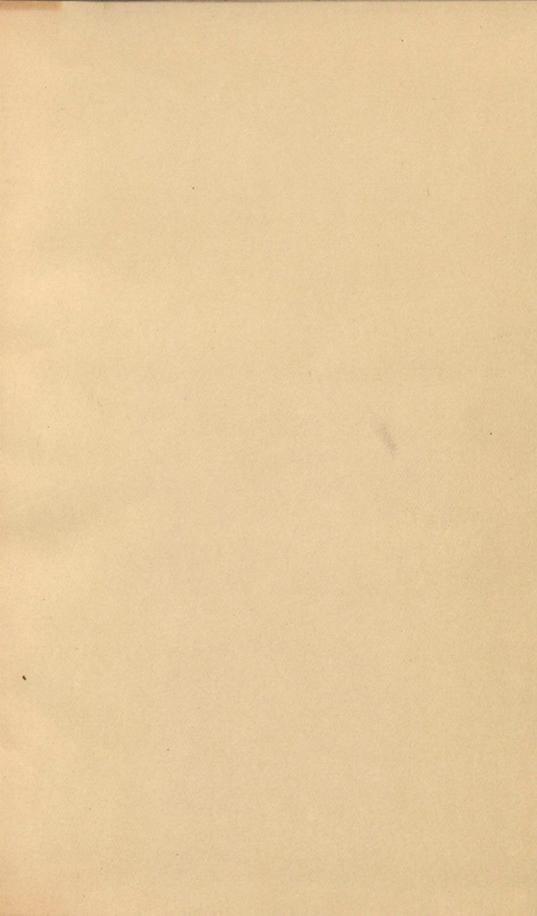
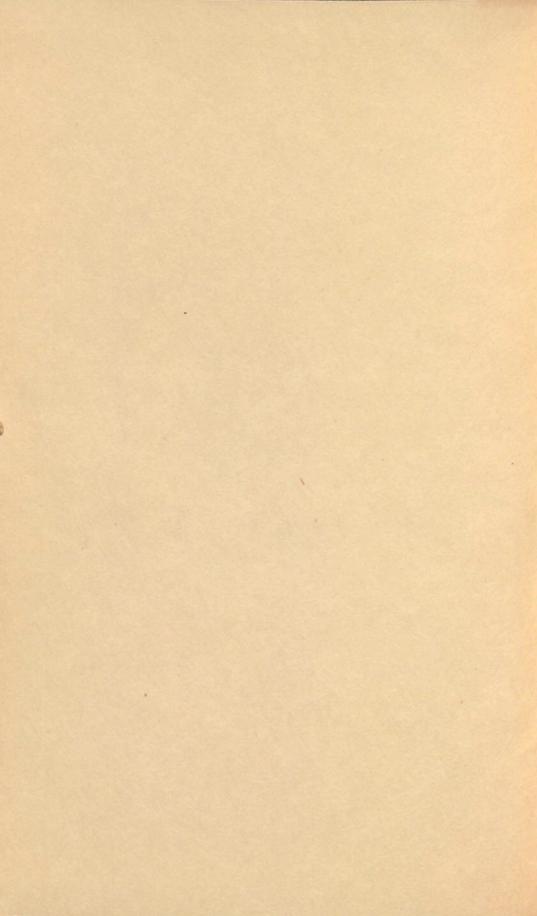


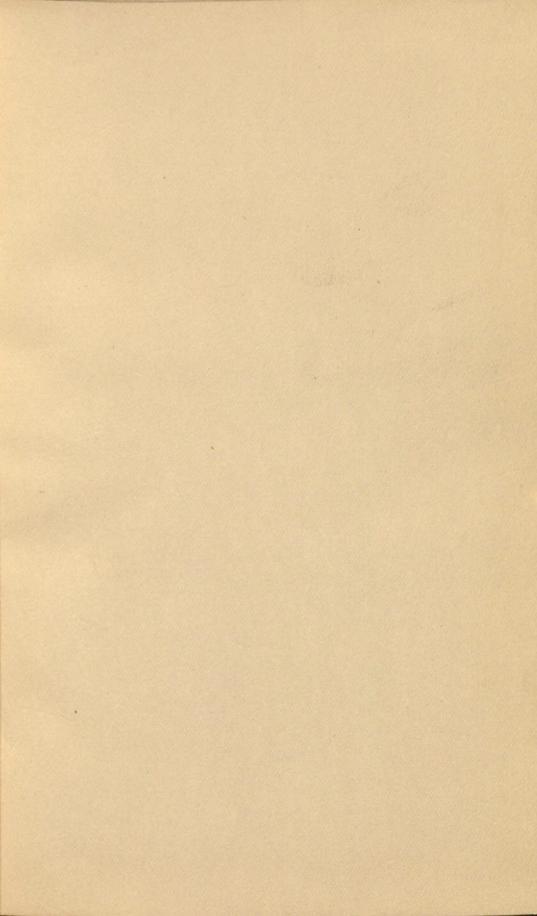
YÁLE MEDICÁL LIBRÁRY



HISTORICÁL LIBRÁRY







History of Medicine

Gentlemen).

The lawmes for which I meet you is to deliver da bourse of Lev: hered on the practice of physic, & a. short history of this blanch of our fors: lession Itook upon as the most prof: en introduction to them, The contany To this, Iknow is generally magined: But on consideration, I presums it will appear very necesvary; for altho a great deal may be harried by a Student in aftending the Lectures of alifetion, yel from the very quat catent of his. subject, a great deal remains to be learned from both of aknowledge theres ford of the different changes which

Medicine has some its forst motitue: tronfunder gone, & of different Authors who have bupported The various spini: prevailed, will may spinion, materi: ally afrist our reading of studies. It. may seem indeed improper to begin This history at present, when Jum to suppose you unacquainted with the subject of the enving bourses large detail would wramby be preposterous: but I only mean to glorysic astight. new of the subject of to heat solely of the History of that purhicular branch of the broffin we are onet to consider. The plan I mean to pur out is. peculial to myself, for altho Detsome, in attempting whistory of Medicine pro: cceds in the same monner without ach: nowledgeing whom he has Mowed-This I presume very well known to

many from whom he has twhen this as well as many other hints. In guing a History of Medicine we are first to mark the different Revolus: Tions which have taken place. 2. To enquire after the persons who introduced these Revolutions. And 3d Ta determine The point when they took place that thereby we may connect them with the Wistory of Man. kind in general, furth that of Philoso: phy of the particular arts of Sciences -For this purpose Ithink we may mark Seven different periodo of remarkable con: sequences in the History of Medicine. The 's: Begins at the home marking inst associated Juhich ondeed is almost the first introduction of philosophy into physid. - This is the natural state of physic in which experience

alone was followed. The 2: (Hemarkable period on the His: tory of Medicine commences at the time when theories, founded on particulars. (Dogmata were introduced, whence word the appellation of Dogmatists of extendo to the foundation of the Empiric sect. who pretended to reduce medicine to its natural state of to judge from and follow experience alone. The 3ª General period extends from the vice of the Impirio to that of the methodid 1. extends from the foundation of The methodie to the time of balen, who magreat measure sufflanted theties last of again introduced the Dogmatic methos of studying medicine. The to the introduction of Chemistry into the study of Medicine, when new Dogmata

arose. The b: commences at this innovation of continues till the time the Circula: tion of the blood was discovered, during which time physicians were divided into Galenists Alhamists. The 7th of fast period contains the time which has elafised since the first disco: very of the corculation by the Great Harvey to the present day during which time Medicine has been constantly studied on a Dogmatio, but pruchised most com: monly on an Imporio plan. We are next to remark the different periods by montioning the Withors of the different secto which distinguished Thefal The most remarkable person in The first ara, or the natural state of physics is Vsculapino, relative to whom Jery little is known. The principal personages in the

taught medicine on a Dogmatic plan,

finited the Characters of Philosopher of

Thy vician. The 2? period extends from This hounates Thomison the founder of the Implicio sect. Thomison the founder of the methodic out appears in the commencement of the Se: The 1th period extends from Thomison to Gulen. The 5th period from Galen to Vara: The bis brings us down to Friendy The The to the present day, or if you will to that of Boarhaave. Howing mentioned the founders of These sects which distinguished the differs ent periodo of Medical History, we are next to much more particularly the dute of these periods of their contraction with

other evento in the history of manhind. The 1: Period begins, as I before observed with the commencement of Society, & ends about 400 years be: fore the Christian Ora when Hippocra: teo flourished. The 2d extendo from the time of Hippocrates to about 207 before bhust. eihen Scrapian flourished of Ptolemy Philadelphia began to reign milyght. The 3. comprehends from the leign of Ptolony to the birth of Christ whites Augustas Cosin. The 4th from the bith of Christ to the middle of the 2.6 entury after it, when Galen Hourished, Physician to the Imperor Marcus Aurthies, tho'-D. Lettsome makes him the Pimperor Quelian who lived 200 years after. The 5th period extendo from the time of Galen to the 15! Century, when

Harvey made his grand discovery. aperiod rendered remarkable by the and the dost lange in down to the pies: ent day, aperiod you are as able to mark as myself but which will I. think in fishind ages be sendered con: Independance of America. L'am n'est to give some account of the state of the Practice of Phyack at these different periods & we shall first consider it in its rude of natu: This is aperiod muhich the nature of the practice is by some ad: mired & looked on as in avery perfect state, but such spinions are founded m ablina veneration for antiquity of a love of Impiricism, for in this early Stage of medicine Disenses could. not be properly distinguished, & the chief excellence of the art at wich fori: od must consist in the power of Medi: and accidentally discovered & yet The greatest part of the medicines inported at different periods from the In: diano of America, among whom Me: deine existed only in anatural state, have from different causes fathen onto disuse.

That the distinction of diseases could not possibly have arrived atany degree of persection with be evid:
ent if we consider that such a distinction requires the Abection of the experimence of the moveledge of different men of their medlines was not very great appears from the frequent isse of Ja:
his mans, Incantations of charms; of

however prone to superstation the human animal may be in such a states. of Society, it is certain that were these more destain d'efficacions remedies. Than these discovered they would have been employed. The art during This period of our history remained in some Countries in the hands of particular persons, especially the Pricoto, ao mous our bounting, inte Egypt to of thirt it was so sot Greece, we may conclude from The Enston which prevailed There of every disea: sed person going to the Temples of Escholospicies forbadorie, the progress of our hast towards perfection wash This state very slow. For those interests which led the Pricoto to keep mankind in as much ignorance as possible in other departments of olione prompted them to act in the summe.

manner with respect to medical know. ledge. This state of things continued for a long time in Greek, but the diffi: culty of resorting in every case to the Temples, with ther causes, attength produced Ofinical prachitioners, who at first probably proceeded from the Socilapian school, but afterwards were entirely separatell from it. This is the artificial state of Phys sid, but at what precise period this change took place is not certainly known. probably a little before the time of. The Ora when This great man appeared, which commences the next period of our history is far from being distinctly known but as I have said before in probubly about 400 years Beford the birth of thrist. From his cois

tingo we find that the practice of-Physio was considerally advanced. Diseases were distinglished, many nice Operations in Surgery performed, many powerful remedies known, mas my gold regulations relative to diet A Geriso baid down of several at tempto towardo a general ogotem are observable, but the general Prin: cipale of his system are so scattered That they cannot be coffeeted at pre: oent, & his real practice of opinions so defaced by Intertopations & other acci: dento as to remain mostved in the ut: most obscurity. Attempts indeed have been made by owne to per them from these intertopations & place them in owne proper order, & awardingly they have been divided noto district chafees. I cannot however think that the ac. certenefo of any mano observations of

genius is such as at present to be equal to the tash, when Gulen and others who lived so munefyears buch of whom from the time they flowrished in, we must think much more capa: ble, have owned it impossible. From what may be collected however from the writings of Hippod rates. He was aman of great prudi: tion of a deep of acute genius. Though Anatomy of other aux: Mary branches were bit little under. offod, he seems to have studied medi: cine on a dogmatical plan, but the Thy sician who produces the antiz quity of Tripporates in support of any Dogmatio opinion, the it may prove the extent of his reading will prove also he possesses but little common sense. The sceme indeed to be oatisfied in forming some general

indications without aiming at a per: feet system. The Shief indications were, that all disenses were to be cured by inducing a contrary state, that nature alone cured diseases, & was principally to be followed and supported. Such were the principles that reducated Hippocrates of his followers. of they seem to have practised it with greater success than when medicine was cultivated merely upon an in: pyrical plan - This last circumstance has been the apology for Dogmatism in allages of principally in that of. Hippocrates, of while the Dogonalist retains of uses whatever experience has shown to be serviceable, and practices at the same time on some fixed of steady principles he must. prove a better physician, spractice

with greater success than the Impi: rid, the greatest number of Physici: and who flourished after Hippocra: teo were Dogmatists of whom noth: ong remarkable is relieted. At last two remarkable genuis's arose farmour ren: dered famous by their discoveries in anatomy to The first of these trasist. rates who flownshed at Mexandria made many discoveries as Thave said in Anatomy of other branches. of our science, but notwith standinghis additional knowledge of Jacks he neglected them of Journaled his frace: the on mere Hypothesis in compliance with the theories he had formed, he neglected bleeding in the cure of discu: des, the aremedy of which afferience had fully established the propriety. This circumstance we may look whom as an example of the abuse of theory

which by setting a side as useles the. the advancement of the science it was intended to promoto. We have unother example of this many years after in The case of Non Helmont, who from a forc: vailing opinion of the Chemisto .. would not suffer himself to be bled in a plenning of thereby lost his The practice of brusistratus of: fords likewise another specimen of abuse of Theory in his avoiding all Catharties, for it sometimes instead of removing doubts encreases them and renders the attempts of the Physician irresolute and timed. This it was That led Easistatus to avoid pury: ing of mideed abmost every Knid of drug. The maxim of Hipporates. Bults

um non notere" was followed by him m agreat extent, but by these means he Post all the advantages of the The next remarkable person of this period Jam to mention is Merophilus the cotemporary of Ernsis: hatis of who altivated matomy with equal succes. He studied this different states of the pulse with great sublitity of in his studies he was a Dogmatist, the in several ca: ses he seems to have neglected his primiples of appears to have been very diligent in sensiting after how: offer onedicines. In these respects his Example seems to be followed by many Phy bicians of the present day, but This is amethod that hinders any useful disquisitions in the nature & Deause of diseases, norology or the

Ther branches of throws in mito an impotent of random Impericum, of alcordingly we find the Impirio seet arose immediately after, which com: mences the 3. General Period of out Distory, whatthere the particular plans of this sect are not very ap: parent nor shall denquire after Them, but proceed to consider their influence on the practice of medicine. It would seem It first view that physicians that set out with a resolution of trusting to Observation Jefperience abone, of briefly attending to every wicumstance in diseases would produce some considerable changes in medicine, of discover many valuable remedies of methods of distinguishing disenses, but no remedies or appearances of such changes or discovelies remain. I whoways indeed looked upon the

plan as more specious them solid. of this Ithink is a certain proof of it It may be supposed that any of their work which contamied an account of Their discoveries of improvemento may not have escaped the mages of time, that any discoveries of theirs However should be totally lost of forgotten is highly improbable, for were their effects considerable they would have been hermanent. The primciples of the Impune sect continued for a long time, & cristto The present day, but as they have broduced no considerable changes in the practice of medicine we shall drop the further consideration of them. notwith: standing the foundation of the hopoid sect anany Doginalists still continued divided into different secto but no cha: racted of any consequence appeared bet Jore Asclepiades. The Romano for a long time had no system of medicine of it remain: ed among them for a considerable period on its natural state, at length their communication with Greece introdu: ced among the other sciences, Aledi: ine of Sargery in The person of ar: Magosas but his methods of thre in both branches produced ouch detesta: tion of aversion to his practice that. They languished almost as soon as introduced. There is no within proof indeed of the Physicians being Vanished from Rome, but the general aversion secons to have sufficiently returned their suc: cep, at length abilepiades, by fallingin with the prejudices of the people and more agreeable one shod of practice than

his predecesors, Joist established its character among them. The seems to have followed tra: sistration more than other Physicians in humowing their hyurious modes of horing, he pursued the most gentle of most ment practice, & in treating dis: lases according to his promise "hito celeriter et journde "he principally employed Gestations, prictions to. . Such a practice is likely to prevail in large bities even at the present day. for whereever such liquies aprevail Macebos will abound. Aselepiades not only adopted his practice to the prejudices of the people, but his theo: ry to the prevailing Philosophy, that of Lucretino. This theory was becom: mended by his practice, but it was imposible to Eplain it of Thomison soon after in attempting to abridge it

founded The methodie sect, of he of his followers adopted the same mild of mest practice which continued to the time of Galen, but the the Physicians at lord were for several years after chiefly mo: Thodies, we find that the study was pur: · oued on other Countries on adifferent. belows & Rictions. The first of this was afrhysician who adopted Immoelf to no particular Theory, but is not entirely free from the principles of the methodies, he ishowever as genimed an lolectic as human nature will admit of , gas peed from the narrow prejudices of any sect, of his overet appears quater than if no. system of Medicine had ever extoled. arctous appears to have belonged to a sed oramed preumatio, but his wa:

describes diseases with according foro: poses remedies without prejudice ou attachment, of his methos of heating discuses is un confined of bold. We are now come down to a re: machable period in the thistory of Medi-Witherto our secund hus repleased very changeable of unsteady, billyalen, whom we are next to heart of inhaduad asystem whose quistines was more. protracted, but whose effects from the spirit of service mitation which after: wards prevailed were no les baneful Than any of the former, He pretended to pay great regard to the opinions of Hippoteratio, studied the nation of leme: dies, made Voyages to discover new ones, of admitted every useful int= proviment from whitever quarter it proceeded, but at the sametime he in

horticed asystem which continued ring which time we may ong it as: quired not the omallest in from = ment. What contributed much to the langour which afterwards prevailed was the decline of literature imme: deately after the time of Galen. In the gibentury indeed some revived of learning appeared among the arabians, but from their following with implicit credulity his system as Their Predecepors had done, The second of medicine received very little advan: tage - A striking instance of the folly of Jollowing any theory Windly. There order prosecuted what has bun termed The invient of the of Physid, aperiod makein medicine has been Thought by anny to have been in aflourishing condition, but if we are

to judge from what remains of their witings Ilun by no means agree to the opinion. It seems to have arisen entirely from the thy vicians of the 16. Century who derived their entire knowledge from them & held them up as Sojets of the most superstitions admiration, & it appears to be supported by the servility of mitrotion, of a vanity of displaying budition; but their der fects in hatural history Chemistry Anatomy to rendered any degree of perfection impossible, of mind shield me from my consure which the first declaration of my opinions relative to them may induce. Having thus connected what Ihad to deliver on the ancient state of Physid, Jam next to give you ashort ad: count of the most umant able occurrences in modern medicine

Erospe continued for utory time in The most profound ignorance, of The only little knowledge it received was from a bollege of Anabians settled at Istedo in Spains, of as a specimen of the superstition dignorance of mankind At this period, I must Avered that it was generally believed that the Dovil presided boer the Scrinces at. Istedo of every student that returned from themed was deemed abonjurer. But the sciences were here trught movery bad manner of very stouty dif: fused, of learning remarried in the most barbarous of unrustionled state till the end of the 15. Century, aperiod justy celebrated for the first rominal of ditera: ture among of manhind. I must observe that there were at This times of for sometime after a concur. renie of circumstances which tended

greatly to prom da The advancement of learning. The first of these was the taking of Constantinople by the Sucho which forced many learned freehs to fly westward & bing with them their books &learning, whichwere after: wards very generally differsed. a Second occurrence which tended more powerfully than any other to promote & diffuse literature at this period was the mountion of the art of frinting. a Third wircumstance which I must also look upon as conducing to This and, was the establishment of tranquility in different Counties. I Fourth circums tomes of con: siderable importance mmy spinion was the 4 tention of Commerce, which soon after took place, mate pendant of the discovery of america of of anew fraf

sage to the last Indies by Pasco de Jama, all these circumstances produced a great andos for discoveries & study, which seem likewise to have been animated by the religious disputes which the reformation in religion at This time occasioned, of among other discoveries Physicians became ac: quainted with the writings of Rippoce: rates, The first effect of thesewas and Asservation that the arabians had differed from their ancient musters Inspositions. This occasioned many disputes among the profesors of our art, par ticularly one about bleeding in the affected or none affected side on plearisy, which at length arose to such thight that bhales V was obliged to prohibit the further free: suit of it by a solemn edick, so year

was the bigstry of those days to opi: nions once imbibed, that such dis: pertes continued a great part of the B! Century, among the followers of Galen of the arabians, but the former prevailed very stordy, of what continued great: by to support the latter was the ma: my commentaries wiste on thiel. works - Sun ctor is the most learned man of his age; wrote or famous com: mentury on the works of avicenna and Chages, & at a much later period we find a commentary wrote by a first for at Leyden on the works of direnna. These disputes however made little as to the practice of medicine, for the great his of this system were the same as those of Galen. But it is our business to enquire after the other comms tomes which bocusioned real changes in medicinal

practice of science. In the beginning of the 15: ben: tury many hew observations were made in anatomy by Berengarius, of after him Visalins anxious for discor veries of greedy of Jame, showed esi: dently the impelfections of Gerlens ana: toma, so that in the course of the 16. century it was entirely exploded. Week: ening his authority thus in one past did so in others in some measure, but did not affect his reputation very. deeply of this system remained in its full force for a considerable time, All during the course of the 17.6in: tury when it was entirely exploded,early in the 16th this change began to take place, by the appearance of -Paracelous aname which makes a great figure into ose times, as he in: to duced theories directly opposite to

Those hitherto implicitly received Chemeial remedies were first receiv: ed into practice by the arabians, but had not come into general use, and were employed only by the purely Im: pericul selet, as the generality of practitioners were about this time re: markable timed of mest. In this state of things about The 15.6 entury Paracelous appeared. his father appears to have been a practitioner of of the Impericul sect, of the son was educated in the same line, his leading wish seems to have been to busine arguinted with pows esful medicines, I he declared he - would receive any valuable remedy. from Adwises, Barbers, Wostlers of even The Divil himself, accordingly we own to him the inhoduction of Mercury antimony, opium of other powerful.

remedies which were then ahnost uni: Versally avoided. This bold of daving spirit led him to The free use of those of the medicines The performed necessarily some w: markable cures which soon brought him into great repete, & we findthat in 1525 he was appointed to Basilas the eage for learning was now very great he was under the ne: cessity of attempting a system which he founded entirely on the principals of themistry, but to Poscure as com: pletely todafend him from the cavilo of the Galehists whom he opposed in The most violent manner. He ordered the works of Hippocrates - Galen -Sore him of burned as so much use:

leso lumber. But charging an ex-Travagant price for an officer fall which he had given one of the ma: gistrates of Basil & which the lat: ter reprised to pay, declaring it was mouse turd, Their disputes arose to such a height that he was obliged to fly the University, afterwards he tra: velled about as an Itmerant prae: titioner, performing many cures, but not near so quent a number as was generally magined. 62 wing his travels he kept lompany with Thers of the lowest situations & maul. ging himself with such companions Indinking If which he was remark: ably fond the died at an alchouse at the age of 45, after promising a medicine which would protonglife 1000 years. Tho' his systemwas abourd

all over Europe supporters git & sp:
posers to Galen who still kept the.
school.

Mhat greatly estended Chemis:
try at this period was an universal

Thy at this period was an universal rage for the study of Alcherry, or this secret of trans meeting the bases metals with Silver of Gold. We even find James IN of Sulland sending at this time metals into allert all the particulars relating to this art, anxious to obtain, more rich: es than his own country could of ford him.

This general desire for discoursering so important a sceret, rendered themeists of behimical physicians very numerous, who were constantly in search of powerful remedies Pana: ceas to, of when the exhibitions of

Those medicines became so universal, They must no doubt have sometimes succeeded. Chemistry workneing to pre: vail we find at length professors, who spenly avowed of taught to him: real systems in Germany & elsewhere. at this period the Galenisto ac: ted in the most impolities manner, in: stead of attempting Chemical Temedies, the good effects of some of which expe: vienes had fully confirmed, and ort: men, which they might have casily over Turned, They opposed with the ut: most vidence every Chemical lemedy, of Alexander Mauriceana Profesor of Padua did not scruple to declare howould rather be in the wrong with Galen than in the right with Para:

The faculty of Paris went so for as to expel Dalmarius ormember of theirs, for employing somethemical remedies - I deserve however with pleas sure that the bollege of Sondon never proceeded to such Kengths, The Linaises onen were Galenists. Dr. anthony mideed an Impirie who employed Themical remedies of was protected by men of high runk & very extensive practice was prosecution by them, but in their memorial to The Thing, they mentioned that it was for actual mischiefs - But to the honour of The dondon Willige I observe no more such prosecutions. & vosnafter Sir Theodow Moyne, who was expelled from France for fa: vouring Chemistry was received mi London, made Prings Physician &

admitted a Tellow of the Royal les. lege of Physicians. The generality indeed of Those who professed Chemistry were very illi terate till towards the end of the. 15 "Gentury when Van Helmont, a man of more liberal education ap peared. He opposed both paracelows of the Galenists of substituted a new-Theory. He was aman of great obser: vation & made a collection of many facts - He supposed that there presi. ded over all the functions an intel. ligent power which he named archeus. anidea afterwards farther prosecuted by Staahl He retained many of the fa: natisms & Jollies of the Chemists and granted the power of scirct remedies, of I strenuously opposed bleeding, and idea which was the course of his death, which was brought on by pleurisy.

We should next resume the His: Tony of the Galenists, which we have neglected for sometime just, but as-Their principles remained the same, I for other seasons we cannot prosecute it at present, The losing they still hept jed of sion of the schools. Towards the end of the 15th ben: tury about the time of Seo X sever: at very celebrated men flourished m Italy as Fracastorius - Carden-Mercurialis - Cosalpinus - Sanctouis to. I they were so celebrated that Staly became the resort of almost every me: dieal Student particularly Padua-The doctrines of Galen however still prevailed there of their chief merit was in anatomy. The study of medicine was not how ever entirely confined to Italy-Paris distinguished itself very much -

where they continued tillafter the middle of the 17 Century. Germany at this time exhibited a number of Galenisto, where Sennertus with a view to recornicle both parties, published a Galenistical oyotem, but admitted at the same time the wood Chemical remedies. In Ingland Sinaire was atgreat pains to restore the medicine of The Greeks, but our science remained mavery rude state among the ing: lish, which I attribute to the lotablish. ment of the Universities, where no school for medicine was ever founded. During the whole of the 16th entury the systems of Galen & aristothe stelle subsisted; In the beginning of during the 17: however considerable changes took place, of towards the midelle of. This century they were entirely exploded.

Towards the end of the 16 6 en: tury galiles appeared & contributed greatly to the improvement of Ma: Thematics, The immersed in the squa; hid prisons of the Inquisition forsupporting the system of bopenicus. This motance of the unaccountable con: Sidence placed in the apertions of mistothe of Galen occurred at this-The former it ocems had said that The newes proceeded from the heartmodern anatomists had justly af: serted that they proceeded from the brain, of Galileo determined to con: onice afriend of his that this was really the case, difsected abody and showed him the nerves proceeding from the brain. The extraordinary an: ower he made him was "That he would believe it, had not aristothe sais

Merceise formethe Thout this time likewise the justly admired Lord Bacon appeared, who prointed out in the clearest man ner the fartility of The aristotelian Phis losophy, & proposed anew method ofcauthoroly proceeding by induction from facto & experiments. Mis proposals were soon follows: co, & many of the lito of Sciences re: ceived considerable advantages from them. I much harturge her whole They could not however be exec: ested in medicine, as the stack of-Justo & observations were too few. An impulsince however to afrigo causes, produced many oysteshol-Descarkes, Tho' he opposed aristotle could not wait for facts sufficiently. numerous, but attempted to extelain the power of motions of the animal aco;

conomy on funcifiles perchy hypo: thetical, and that impatience Ihave mentioned to account for causes ocen: nerally received. His principles werd in general favourable to the Chemioto, but Galen. still prevailed in many places. Many instrumento evere al This time invented, as the Thermorn eter - Barometer - Sin pump to contributed much to enlarge our story of facts of knowledge in Philosophybut nothing contributed more to produce changes in medicine than some new discoveries in matomy, particularly that of the lasteals & The course of the chiple by Aselies. of the conculation by Harvey, so that Old Gafrendi remarked that these .. were two poles on which the whold

oyotem of medicine world hereafted turn. The first of these discoveries soon overturned The former ideas of The course of the chyle being through The liver, which they thought was. The principle sunquificative organ. Science on the whole was soon much improved and the establishment of Societies in different parts of Europe greatly aforsted the advancement of learning and in their annals we may trade the progress of Philoson they connected with physid. But the scienced on general & The views of our animal Ownomy were much enlarged, neither the theory nor practice were much improved. The prevacting study of Ma: Thematics soon introduced new opinions mto medicina of Borelli in Haly first founded a system on

The funciples of mechanics - Hydros: taties and Mydraulies. Bollies 4: Fended such opinions otill further. and they were principally supported on this side of the alps by Defitiains. This oystem was pretty gener: time in high voque, but as its data were with difficulty ascertained, of The principal supporters of it did not agreed in their conclusions, it began at length to lose ground. If the canalo mideld which convey the Huids of the human bor dy evers rigid of inflictable, & the impeding fauces constantly the same, the motion of the fluids in Them might be ascertained, but as This is not the case, all their labours evere certainly priettes. another corcumstance was, -

that while they studied the motion of The fluids they neglected the quantity & quality of them. Objects which both Galenists & Chemisto werkept in view. I in the same po About this time likewise wsystem appeared founded on the principles of the Curtesian Philo: sophy, adopting at the same time -The doctrines of Chemistry and of Dentor, of the Corpusewanian Phi: losophy which at this time prevailed was very favourable to the study of The flields, which the mechanted. fect state. This ded not prevent the daily now of new systems, and about the middle of the 17. Century Exlories de la Boe published a system made up of the least exceptionable parts of

all the preceding except the muchan: ical of he was the first who actioned Chineal Sectiones. Vimutter next published asigs: tem much on the same plan and both introduced the more general cise of alhalies - opium to! Mis nest, after agreal collection of facts published a bystem founded on the Chemical of borpuis - artunian Philosophy but purchy hypotheti= cat. I showever do him the. justice to observe that his disquive: tions of enquiries into the brain of nervous system have laid the foun: dations for the greatest modern ins provements in Pathology & Practice The was followed by Merton -Lister & others and such the state of Physic continued to remain till the end of the 17.6 entury of the beginning

of the 10: bentury when all the former ogotemo & Theories were swallows ed up in the three great ones of. Staahl- Hollman & Doerhaard which I think I have oufficiently lines. Raving thus concluded what of Medicine. Before I proceed my fur: Ther I am led to observe that notionsh. standing the propositions of 4 am Isles of Lord Bucon. Physicians even The professed Empiries were very neg. ligent in whicking facts or distim quishing diseased of Sydenham apr pear to have been the first who from ceeded properly in the way. The newer studied medicine on aregular plan & thereford was not prejudiced in Javour of any sect of

pursued the study of medicine after a manner entirely new of his own, that so to ony peculias to himself. In the first Edition of his works he afserted that no man could become perfect in medicine without understanding the . The ony of it, or proceeding on sound. principles, this he knew all that had hitherto appeared were fitile and M Jounded, But this passage disappeared mall the subsequent editions and he appears to have been very little quit ded by it. When he began the practice of Medeina he soon perceived the import heet state of it, of was at alofo in every new case that occurred. He knew that medicines of efficiency were known, but vaw at the. sametime that he did not know the nature of the disease or how to apply

In consequence of this he octabout making observations, and pointed out several successful methods Boerhaave, who was the first in: deed who brought his works into re: prite considered him un excellent brac: tical Physician . He studied with great care the nature of Upidemics of render: ed the study of them general, and the Royal Society of medicine at Paris is motituted botely for the purpose of in: ocstigating the nature of them. In shorthis example has produced the greatest improvement in the practice. of medicine, of this from his observa: tions, and of such were continued -They would greatly shorten the ledern: dancy of description which is observable on the History of diseases.

But white Irecommend a collec: tion of facts, I must refort it is always most useful when directed by the study of system and Proximate. causes. The effects of an opposite plan may be seen in the writings of M. Sicu: toud whose works I have considered in my preface. I must nest give you my opinion of what Books are best, I will give - most afsistance in the study of my Sept Book. In attending to this I must divide my Ruditors into two dafors - Lind Those who are beginning the study of The practice - And Secondly those who have heard me before. To the Joist Donust Souve that few boshs will give them any apsistance in studying my dochines.

There are many boths mideed that treat of Practical subjects and which contain various & promiscuous dochines - But those who are begins ming the Practice study of the Practice of Medicine should learn one system of nothing else - To such therefore I can recommend few Bothe except my First Lines - Sometimes particular Botho are necessary which Ishall mention as we proceed. The only additional Books I would put into your hands at present are Gaubins's Pathology to which I shall sometimes refer - The Synopsio. hosology Methodica and my learned Offeaque D'Gregoryo Conspectus. But with the Second chafe of my heavers I Those who have heard me before or studied some other system) The case is very different It is proper for them

The subject. Butifastudent wishes to ac: company me, he can only mmy opinion read the Sept. But Van Swieton withall his prolitity is avaluable writed, I at leisure the Student should read his Commentaries fully and carefully. asto Hofman, only avery smallportion of his writings can at present be Consulted of the further study of them must be delayed - Indeed his system may be understood by reading only that part of it entitled Medicing Rationalis Systemia, which only amounts to one to: lume, & is continued in the Second hart of the first, and first part of the Second Volume of his works, but even this can be shortened by leaving out his marati. ones Morbourn which make up near a half of one superfluous. There is a hanslation of it but I

case advise youls consult the biginal.

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Introduction

1.

This paragraph gives you a gener: at idea of the nature of Physic, a more concise definition may perhaps be expected, but this Ihope will suffeed. In D. Boerhaaves definition of the nature of physid he has omitted the fire: vention of diseases. By discerning, I mean discovering a disease, which meither the patient non The Byestanders can Observe & which the Thy sician may, Such are those devia: trong of health which do not fram of Therefore are not noticed. Imbrodice These Temarks to shew that physicians have not had wright idea of the nature of Physic - neither Bowhaus now Gaubino have had a right idea, nor qui: en aproper definition of discase, it is enough

enough to vay that they defined Aly · its cause which is obscure / Ju the definition of Gaubius of Boerhause]. but a definition must not be taken from internal of obscure causes, but from external y pulpable circum stances. Boerhaws madeed in the beginning of his Institutions has given apropler idea of disease which we bee! This art is amatter of the questost omportance. Physicians have at: way o Strewed, that diseases which resemble each ther externally often differ in their causes of method of and. Amethod of distinguishing Them is therefore allowed by all tobe necessary of can in my spinion be only effected by a methodical ho. Il In every system of practice we

find mention made of Diagnostics, but unhappily these habe seldom been complete or accurate, and Phy: siciand have complained that dis: eases were not to be lound by Their description which were deficult and Redundant, hence Pathognomie syn ptoms have been universally. sought for but never discovered for they have very improperty been look: ed for in a ornagle sign potom, but this hond the method. The ancient lin: pirices endeasoured to distinguish diseases by the concourse of symp: toms and they acted right motus dying discuses, therefore we should constantly attempt to reduce them to Genera of Species, Jestablish a hoso: logy abshacted from the reasoning -Aproximate causes - Ineed not tell you that Bodies are vufficeently dis:

Inquished when reduced to General of Tpenies. This is amethod inhoduced within these 100 years, gwas first applied to planto alittle before the time of S. Sydenham, and he proposed that we should attempt The method of the Botanisto in dis: Enquishing discuses. Baglivi proposed the same, but the subject lay long untouched till Sauvages about so years ago first attempted it. It is surious to observed the difficulty be lay under of how slow his progress was, Juse suc: cepowe Editions la preared, other. usefulnes of it being soon perceived of encouraged, two or Three Therat: tempts on the vame were made. Hound them all extremely dif field & imperfeet and have lendled:

voused to give a vystem of my own. I know Nis far from being complete. It is however Believe more perfect Than The others - Thave heard it vaid Awas impossible to form afterfeel work of this kind, but the it is diffi: The Objections to it indeed seem now to be removed all over Europe. of Defauties says that it has ud: vanded so as tolque reason to be: lieve it will at length be brought to a state of perfection of Iwould recom. mend the Prologomena and Synds: sis nosologia methodica to your street of flequent percesal. The presention of discuses as I before mentioned is omitted in D! Boerhaaves definition of Physic-In speaking of the presention of dis-

eases I here use a language entirely new, for Physicians beech to have. had but In Ascure idea of This part of our ast of have imagined thatto present diseases some additions to The system were need sary, but I say if health be properly establish. ed no additions is need sary. We are solely to Levid The le: mole causes of alocuses. Before I proceed further I must take notice that the term bourse is understood very variously and vaquely, it seems indeed to be prop: Erly &plained by my bolleague D. Gregory None Both Gaulius and Woodhawes ideas on the subject are very Issure of I Shinh there newfou: ref to deliver my ideas on the valget. To one event may causes may concer or many things tend to pro:

duce om went. Events indeed generally dep: end upon aseries of bausels, of-These ideas Ishall give you afumi: leas example. Amanis Killed in a Sca fight by a splinter flying from the Side of the vefort of shihing him in the brain, his death may be haved to a screes of couses. The flying of the splinter was caused by the At the ofa Cannon bull, The bull was forced in That direction by The explosion offun powder and that explosion was can: oed by alighted match being applied to the touch hole of the gun, lovery one of these was abourse of his death, but They are to be divided mito the imme: diate of the limite causes. The first of which the shake of the ophillest is in the lung wage of Physic termed the Proximate of all the cest the Remote

Causes or in the language of Juguians They are divided into the actual of possi: be causes - The stroke of the splinted is termed the actual the Sher The fig: oible causes, only because the oplin: tes might have gone in Indher direct tion; The bull might have flown over The vefoct of many thet accidents m tervene Gaubris distinguishes Them by the names of Causa Physica and Causa vera. Sauvages following the German Philosopher Wolfins is fond of distin: quishing them by calling the lunde Causes Principia, The Proximate lausa propera with ugast to the limite lauses, They have generally been divided into. Predisponent and Occusional, which signifies that in every went there is met only an agent outposed but certain

concumstances in the body acted on which variously modify the action. Nor instances, jaboly full pomaces: tain height of another, acertain offect will be produced, but this effect will bevarious according to the different nature of circumstances of the body un: derneath. If it be a Diamond Mwill be simply moved out of The place if glafo it will be broken, if wat its for. mer shape will be altered without Is being moved out of the place or se: paraled into pieces - These ideas afor July very particularly to Phyvie. The human body is madifferent state in different dircumstances yat different Times, of the effects of causes will be different according to those different States of the body; for by umple one man willin falling from an emmence have about broken of the fall will at

The same time occasion as fitting of Hood, while another who received alike fall of has the same limb buthen will not be affected in a omilar manner, this es owing to a difference of constitution, in one perhaps the lungh is weak gat the sametime over distended with blood, in The other acontrary state prevails. We may give many that examp: les of the same, thus, a condemotance which barely frightens aman making him ohi: ver of look pale, will in awoman pro: dece consulsions, perhaps Gulepsy. Remote bourses then and property divided into Predisponent of busional, The first of which always signifys a condition of the body show lable to be acted on by the occasional than usual, but with regard to both perhaps alottle more accus Easy is need vary! Some Gentlemen mounting Dipose

takions at this University runk the whole of the lemote lawses under the title of Occasional lauses, but I must observe that the term Occasional can never be properly introduced but when predisponent are suffrosed to be present. as limbe causes can act with: out predisposition, so predisposing -Causes may produce discuse without The afristance of Occasional. Thus ablethora of weakness of the lungs may arise to such a degree as to produce Homophysis without any Occusional causes - Gaubius finas -The word predisponens not aproperlatinity has employed the word . -Diminde which he divides with Commu: nia of Propria the first signifying The natural state of the body . Whele: cond predisposition to disease.

Nor is the word Proximate lause property understood. We can scarcely distinguish between Breshauses Proximate of the discuss itself. The Proxi: mate cause is sometimes, but very soldom simple, generally complaind. For example in ascites; The cause of The External distension of internal fluctuation which constitute the dis: ease is a collection of water whichproceeds from encredoed exhalation, of that perhaps from a Scherious lives, all these are to be considered as The Proximate cause, for whatever remains on the body during the disease, & which must be removed to cure the dio: ease is the Proximate lause. Thur thus 4/lamed the word lause - another term remains to be considered not properly understood. Symptom. Hes commonly used

to express the state of the body in health as well as disease, but Calibries justly confines it to discuse, and the Works Symptoms of health are certainly improper. It is for this wason Juluayo use The 4 pression Phenomena of health. Symptoms are destringuished into Three different kinds Symptomata. morbi, causa, et Symptomatum. The Tymp to matum Morbi are Those which are inseperable from the disease, Thus the Frever, Dyspniea bough of rum of breast which attend -Poneumonia du cach Symptomata Morbi, strictly combined with of arising from it. The Symptomata causa are those which arise from the Remote causes, the the name is sometimes improperty applied to the Tymptomata morbi which always arise from the broximate lacese. Theis in Precemonia

The borge of balanch are Tymptomata Cause as not being of sential to the disease and arising from the appli: The Symptomata Symptomas tum are those which arise again from the symptoms. Thus in the same Pneumonia of the patient cannot be down on one vide, itis a Symptomata Sympto: matum, as not being necessary to the disease not arising from the Remote lause - Symptoms have likewise been divided mits Grential of acciden. Val. The first are absolutely necessary to the disease of constantly occur in it, The Mers are merely accidental. Thus Preushonia. The Lever Dyop. now, bough of pain of breast are Efren: trus symptoms, but if this the nights gener of the nurse or other accident the

the patients stomach is overloaded itis asymptom merely accidental Symptoms have also been named Primary of Townday. words which Gaubius uses in The vame vense with of ventral of acci: dental, but Itake the words in the literal vense of mean only the differ: ent time of the disease when symptoms TV. Soulses This brings us to the great ques tion Whether Medierne is tobe studied upon a Doginatic Plan or an Impirical. or whether we are to proceed on leasoning and knowledge of bauses or on the dio! tates of Experience alone. This is a question which has been agitated since the Earliest ages of medeine to the present day and Otherefore deserves to be considered.

below has given an legant ac: count of the dispute asit stood in his time. And de blech has, in relating it given us adifsertation on the same The school have Tought medi: une on a Dogmatic plan for 2000 years, of I do not know than ome Impivice Sy: tem has ever appeared M. Lientand has attempted something of the hind, but Thave sufficiently considered his vice: cefo m this way it my preface. as Dogmatism has prevailed so long of so universally, as ludy of it is ne: reformy to enable us to read the writ: ongo of different medical authors, as they have all wrote in a systematic But besides, Thave said in the text that the live of discuscis atmost unavoidably founded in the prowledge

Colous has given an legant ac: count of the dispute asit stood in his time. And de blech has, in relating it, given us adifsertation on the same The school have tought medi: une on a Dogmatic plan for 2000 years, of I do not know than ome Impivice Sp: tem has ever appeared M. Lientand . has attempted something of the hind, but Thave sufficiently considered his vac: cefo m this way it my preface. as Dogmatism has prevailed so long of so universally, astudy of it is ne: reformy to enable us to read the writ: ings of different medical authors, as they have all wrote in a systematic mannel. But besides, Thave said in the text that the lune of discuscis atmost unavoidably founded in the prowledge

of their proximate causes . And . am very much inclined to vay unassid: ally. For Jafret that the whole con: doct of business of life dependsupon a knowledge, I that the extent of our frow: ledge is great, in proportion as we. are acquainted with them. nature there: for has implanted mus the strongest, desire to discover them & this has ta: hen place remarkably in thy sie. I never hnew an old woman who did not enquire into the causes of everydiscuse, of the meanest apothe carej. will act in the same manned the Sheet reasonings be equally about and in: Many people say that I. Sydenham never reasoned nor enqui! red into bauses of diseases, but who ever looks mits his book must mmediately perceive the fulsity of

this afsertion . Even Mr. Secularid with all his objections to reasoning falls into it in several parts of this work. In short an Enquiry mto lau: oes is unavoidable, the it has oftener led to error than trutho, we must -Therefore endeavour to prevent it from misleading us of the only method of effecting this is to study medicinel entirely upon a Dogmatic plan for it is those only who know the imperface tion of science that can set bounds to their reasoning git is athorough vices of the subject of acquaintance with The grounds of reasoning which alone can teach us how to proceed or where to stop. Os our knowledge of the Institu. tion of Medicine, that to the Physich ogy, Pathology of dochind of means,

by which sichness may be changed to health of health to sichness, io. still so incomplete, thebame object tions that were made to the Doyma: tion of Thippocrates, remains in some measure still in force, as in the case of motion for instance, Thena: ture of it, of the structure of a muscle are entirely unknown. If we turn our attention on the other hand to The fluids, The nature of Them is like wise undiscovered of the manner of occretion still unes plained, I could go on of show that our knowledge of they. sidogy is in many respects intombs Telete the introduced with confidence to explain the different functions. The we are therefore a little wises Than our Ancestors we are stillliable to ovor of Ihnow no view of human knowledge so contemptible as the def:

Jerent spinions which has been en: testained in Physid, Astwithstands my however these Nictions, we must attempt some dochine of hox. mate causes, Some will Ihnow conclude That a search after such is to be altogether avoided. But the argumento which lie against Theory les only aga: mot what it has generally been Jounded whom . Hypoothesis. I could easily show that all the Theories of the last ago were generally Sounded upon falle facto. Thus, whom the idea that. The Glood was composed of Globules divi: oible nito smaller ones to Boers haave marking of others have founded many principles, but we now find allieus bost labour, as what they supposed to have existed in reality

neworded. I would venture to produce many. more instances, of I therefore say that we may avoid the errors of pust ages by avoiding Lypothesis Thiteum Supientia est, Sultitiam Jugere." My ofinion induction that a perfect Dogmatical oystem cannot be expected, but I vay that by awording Jormon erviors of following the plan laid down by Lord Bown in his novum Organum we shall gogreat dengths & arquire much assistance m conducting our reasoning Spractice- Al Mection of Justo is the only foundation for a system, but from facts we may by meduction draw some general principles which will be of on aterial ser: orce - Generalization of Justo is modeled on alleases a great step. For motance, In my Treatise on lold Imaintain I have

established some general principles -

from established facts of principles towhich it's effects may be always reduced. and if I have succeeded in the parts I suy it is by drawing general principles from established facts, but in drawing -These principles great caution is net rejoury your induction should always be simple of Sovious. Thave said we should admit as a Joundation for practice these reasonings only which are wertain. The expression is certainly imper oper. There can be no In athernatical demonstration in Phy: ow of Swould substitute the words highly probable. This is a conduct which In ope you will find satisfactory, not only quarding you against your reason: ony but applying to practice. But when this cannot be done, we must have recourse to experience atone, This however behewise requires ets

cautions, & Physiciano have not been sufficiently aware of the incomplete and fallacious of the of Impericism. When Imporicism was first introdu: ced the age was neither culculated to make observations nor to pursual even an imposical plan gibwas Therefore soon deserted, but this there are many of the present day who prave tice inedicine on an Imporical plan, There are but few who are award of its Sallacious & incomplete state, many declam agament & condemn all the: ory but they make not aproper distine: Hon. Hypothesis es properly enough con demned, but as a thoony founded on facts may be mitroduced with advam: tage, a general condemnation is Importinent of abourd and indeed I have generally found it was the most growant who denounce it, of Ihave

observed that as few are capable of con: outting experience as theory of that as many are misted by the one as the other. I shall endeavour to show, that a very small number of Physicians and able to consult with advantage either Their own efferience or that of thers, for the first is often fallacious and the Second frequently false. As for a system on an Imporical flan Iconfes Ihnew nothing better Than the lists of Olecipes to be found mevery book book, or a comewhat omisas Mection of m. Boyles or m. Wesleyo whose ofunions mi pringois une as fanatie as in leligion. The Jullacy model of Empiricism was long ago announced in the forst. aphonism of Reprovedes, but the ground for supporting it is so fallacious that they have not I think been properly exam:

The extent of difficulty of such an examination have deterred me from entering onto it till very late: ly, but as what I should defer now may perhaps be deferred for ever, I shall give you a shetch of my thoughts on the outjeet. In considering the Courses of The followy of Empiricism gesperience To half oubject. The 1: Consider how far we are to hust our senses. - In these every man file. ces the greatest confidence, but the Scepties, with some reason have afour: ted they are liable to deceit. But the we should not trust this afsection as far as theyhave done. I will venture to say, That observations made in this mamor should be altended with some doubt, of diffidence.

With regard to quantity I number we may be sufficiently certain, but when we con bidet the de: condary qualities of Bodies. Joay our Observations must be liable to make feel: lacy, since hardly any two persons of: de in their determinations respecting I remember before Stop Watches were introduced into SeMand, That on consultations, very various opinions were entertained of orlways a surtained as to the quickness of the pulse, and even now, with respect to its ofher qualities of hardness - Softness &p I will venture to af sent that not two sect of twenty will agree. It is especially necessary on con: ordering the nature of observations drawn from the senses to consider the nature of laws of Sensation itself.

and st Sensation is not always equal to the degree of impression, but is con: otantly varying. 2 de Sensation will be affected by the repetition of any impression, and always become weather as the reputition for ceeds 3 dy The succession of mispressions has great offert in varying sen: according to the nature of the proceed: 4 by Sensation will be various? by modified according to the degrees of impression excites. What I have hitherto oud relates to single qualities, but the qualities hu are to examine are generally very compound, your com

plet edeas of things must therefore became very momplete a concumstance. saying Quam multo vidimus, quam Joanca obersmauns. Another fallacy likewise Takes place, in ascertaining the. lelatives of bourse and yet. The moestigation of Gauses is the great becomes of all Science but the fallacy in investigating them are many of have given use took the Jalse Johilosophy Mat has ever appeared, of the causes of the fallacy are what I shall endeavour to point out The 10 Stepm determining a Course 10 10 make ito presence certain, & mi doing this all Hypothesis is to be rejected. With ugard however to Bly:

pothesis Iwould wish to make two Aservations. 1º: That though it is to be en-Torely rejected in establishing Prin: ciples, it is not to be totally bunished from the mind of men. A man of genius may arque from an Hypothesis which he after wards proves to be true, This was the case with the Great Newton. He first formed an Hypothetical idea of the motions of the heavenly Bodies which he afterwards established. And with the same precaution every presson may be indulged in Olypo. Thesis, & nothing leads more to it. presimental Enquiry. a 20 Observation Shave to make with regard to Hypothesis is. That it has been too fles suf. pared that any hypothesis which

olves every Monomenon may be looked on as established of demonstrated, but mevery ouch proof of an hypothe: sis which I have seed many the. nomena were admitted which never did exist of many om Mit wire really present a seeming of whom thereford of All the phonothend is often aprilos direct proof of the presence of afaces is necessary. In establishing abouted, if we Aserved the A one effect who go for lows the ound cause, we muy look upon such aboused ascertain yes Hablished, but such Asserve hons in The animal Runomy we very dif. ficult . Dus emstions thereford In this respect should not bendhous to too aigidly of some Hieptions should Intelligist of ause Therwise welles:

established, of we must consider that The body is acted on by different causes unhelled funknown which maychange The operation of acure Mus: wish productive of austam effect, whence the difficulty of ascellaring the trinty des medecines with any cer: I I must there for be a lowed that what frequently Susually produces acestain effect must out beregisted as the cause of that effect because trometimes fails, gof in mind or even owen cuses out often the same effect is produced, we may I think rest satisfied us to the tertainty of Another Spection I would make to the general caution, io, when an effect appears, not to reject the supposition of the general decod

of that effect because it sometimes faits, being present because it is not apo parent. But Iwould likewise afout That the New tonian rules and not to beadmitted in the unimal Geors: my the they may apply very just. by to manimate matter of Italocal That many causes may in the her: man body produce the same effect. Another error majoigning causes is, that the verland generally Attibute an event to the last most appearent corcums tonce, but such effect might have proceeded from causes present along time and unheeded of unsuspected, such as an action of the heaventy bodies to cono other powerful courses and Thewise cometimes inheeded, ouch us Contagion, In attempting

to discover the presence of power of which much puttles labour has been lost by enclear burning to find them in The sensible qualities of the aid. Another source of error is in afriguing canois, in attibuting to support powers what nature ther: self has effected, for instance in determining. The action of medicion for however some may object to the powers of nature the Vis medica: trix natures in whatever else it may betermed, it is cottain that discuses have been spontaneously weed, nay even against the efforts of list. Another cube of fullacy in es: to this hing lauses is, that we are of: ten dis fosed to reject all envises ex: cept those whose power eve can in some measure eff lain, but this is certainly awaring method of proceed:

mg, as there are own as powers mina: ture with which we are unaequanted, from this cause arose the many ob: Jections made to the percevian back on its first introduction, as Physicians could not account for its effects in Intermittent Jevers. But anothersource of error arises from our not perstring the week I last Objected to far enough in some cases. Jouhen the human mind can form no possible Idea how amedicine can with the smallest degree of probability and upon the haman body, whentis ner: Ther soluble in the fluids nor can act on the nervous system any opinions of its virtues may I think borgeted. Thus The idea that words can be performed by sympathy, by vacious charms unlejoluter maded known to The patient to may be entirely de:

verted.

Another followy in afriguing causes wrises from the numbered Causes which may produce The same effect Is hear here not of proximate best lemble causes which are common: ly manifold & very often mistaken, Theor as Ibeford mentioned andi: orded into the Predisponent and occasional. The latter may be often established as Jacks. Out are often internal of Obscure, but it is with regard to the predisponent our doubts principally arise. They may arise from an hereditary predisposition, from decidents in thild bearing, in Dursing, from the manner oflip in early injuney of often from the state of the obiginal stamina of mulcon: formation of the parts, but as all Those are not established with accu:

racy but still remains intricated in Theory much unotamity must fre: out mestablishing Um de lun ves, of Iwould Therefore advise you to convides my own of every Wher wyotem June guntion. To conclude, Imust observed That another source of Into causes proceeds from amethod of falow ren: Doning called by the Dogicians as Dilemma, that is to day, when two or more lauses are afrigued to an effect, if one or moreand proved. wrong to conclude that the remain: my Supposed cause is actually The there tone of to look on it as Jaily demonstrated. Thus M. Porseas in consid: eving the nature of the Newous. by stem supposes in the first place

That They and either by Their elastily or by the motion of the fluids in Them of ofter having overturned the former of: orion he condudes that the latter must be The right one, but this is certainly awrong method of arguing of Month I could propose un Spinlon morepro: belle than either. Another cause of The Jullacy Justo Mored to the world. Thus from 4 perimento ei: Ther from The inaccuracy of the Instru: mento, in shill which in employing Them of many Mer circumstances which m. Boyle calls the contingenus of a periment, we often find directly contradictory experimento appeal: from the fullacy even four senses

I many ther commentances, limble to very great maccuracy of I Therefore maintain that of the observations in Physic which we at present posels himd out of ten are maccurate, in: complete of useles of Isay besides, that in The heords of they sid There are man ny circumstances mentioned as Jacks which by the authors were not even supposed to exist, of that many to oupport theories or supposed in: provemento in practice have not ory: Tiled to afsert as hacto down right Dies. Such a conduct in Quarks or secret mongers need not be wondered at but in men of Character is somewhat surfrizing In such however the love of Jame, or motives of interest how had such effect do rently to take production of the conduct I have men

tioned. It is not wittle overfring tome That what Thur hithesto delivered as to the fullacy attending our judy: ment of Cause of Sfeel Should by some be looked on as more to theory. Than experience, Innow it is appli: cable to both, but afout itis ho -much if not more to to the latter -Than It the former, for Gentlemen must consider that in establishing The power Juny one medicine, Wis by establishing the What has been said Then it appears that the best mote: Fution o are liable to abuse, all mo: derno agree that the highest im = provement whether in Theory or Practice is to be Stained bija coll: ection facts, of hence all behowish

to acquire medical fame attempt it by mublishing experimento of Descroations, bull of these I must say The greates number are imperfect, 1 H conducted or entirely fubricated m the closet or at best from a fushints taken from the patients bed oide, they are in the closet finally. dreford up of completed. Willyndbo magned that intend to cry down experiment, but I venture to afact that the greatest number of gretended facts & Observa: tions went present pesses are no: thing but aheap of fulsehoods, by. Tances ony with the french Grand observatour, grand Menteur. I have thus endeavoured to show the fullacious and impotent starte of Empiricism, of must there!

for conclude, That medicine is to bestu: died on a dogmatical plan of that. ouch amethod will afford much as: sistance I hope to demonstrate to you m the Mowing Course. But at the cametime What I afout that medi: eme is to be studied on a Dogmaticul plan, we must, where that fails, have recourse to experience We are not to adher neither to Empiricism nor Dogomatism too stictly, but unite the advantages of both quarding against the falla: cyo South with the questest atten: tion, of proceeding with the greatest différence frantion! Of Pyrexia These we consider first as being The most common finost imports

ant of any. It has been complaine ed that Thave in this in stance in: troduced anew of unnecessary -name mto Medicine! but it is a Tivm as old as Gaten. It was not mideed commonly employed till introduced some yours ago by-Mr. Tuwages . - Heuses Wholever m a different sense from mine, ma: hing it Synonimoles with fever. I. make pyresia the name of a llafo -Lever of an order delonging to this Clase, but it has been socustomany tolese the word fever as the name of allaso that it was long before It. colla break myself from it, butilis certainly improper, for instance, if nitulking of the distinguishing marko of Preumonia I should mention Lever Dyspinda de A would surely be an impropriety, as

you must there consider it as the afor pullation of a blass. 2 after beginning. The description requires more explanation. Cold Shivering. It has been by some disputed, whether this will shiveing always precedes Types: ia, or is necessary to constitute the discuse of that clufo . It is however denied by very felo gram confident They are mistaken, usitis acircum: stance very universal. | See Hoff: man where he begins Mulla lebus de. Thave Aten indeed Ibscroed -That on asking a Portient Subouring under one of the pyresice, whether The disease begun with any colotness or shivering of he has unswered in The negative, but on further enqui: ay you discover from himself or-Com of the by Sancters that didas

actually take place, for it is so mess: siderable as to be overlooked. The Sozietion above made leads me to another Strovation. I would wish to make no Prefactory to my whole Course Vizt. That in ascer: tarning Jacks, I do not mean that they are constantly of universally present, but when exceptions do in I amount to more than one methousand, as I am owed in the case with regard to over look them. Increased heat of prequency of Pulse. To these likewise the They are very general there are some exceptions. The anciento who were desi was of distinguishing discuses by one beging Aohn made mireused heat The distinguishing much of fivers. Softwas de la Boo mudean

more asid frequency of Pulse the Diag:
northe of the same idea was adofited by
Boerhaave of the generality of Phyrians
before his time, but as Defore Observed
a concourse of symptoms is necessary to
form a character of a disease, To these
at the desire of islammed letterague Ihave added
Interruption of disorder of several func

Interruption of disorder of several func: tions for example there are few fevers without either headach, sichness at stomach, Los of appetite of some Ther affection of the functions, I have Therefore inserted it that we may omit nothing which can aforst us on distinguishing the discuse. I have however addel particularly some dir unnulion thein the animal function a Ecocumstance which tuhes place us universally as any Mier.

1300k 1. Chap: 1. . Of Twees In treating of Tevers Johull us in treating of other 1: Relate the Thenomena. 2. Establish The Proximate Parese. 3: The lemble Course. -4" The Prognosis and 3th The method of bure. Levers. Juse the word in its strict vaguely applied Unall the discuses of the Clafo VIII vome topical affections, but take no: tice Ivan esenteal of primary the mean my of which words I have before explains el to you. Escentially signifying a symptom necessary to gihocharable from adisculs. Minning is taken in

Pholiteral vense. This afvertion to be sure is not without it's doubte, as I ouspect that Synocha never appears without some topical affection, but This wes shall wasided more attarge hereafter. 12 Physicians hand been more on the humour of multiplying the distinctions of species of Towers than in reducing them to as few heads do provible of giving sufficiently district 2º It is modeed a difficult task to discover the circumstances commonto Thouholo order. Jeffect to fino them in Inter: mittents as being the most regular, but Low in these there is a qual variety

1. Sluggishness in motion to This is the Valoritude of authors, but as it is thege: neral term of has often been impedperty employed, Ithought it best to describ the appearances more distinctly 2. Stretching. This is the Hern deculation of Medical authors, it is the only time To convey the idea. 3. Extremities become pale. The nails pequently become livid, the they often are as pale as therest of the athemities 4. Sentures shring The nose becomes sharp, The eyes runk gehechs col= 5. Bulk diminished. That Theuhol buth of the body is diminished is proved by Dangs fulling of the finger at the commencement of a fever which were tight but tight before.

6. Shin constricted all the different. Countries in Europe have agreed in compar rong This appearance to that of a Gooses This stripped of its Jeathers. This takes Istace from the other parts of the shin being contracted of the papille conse: quently pushed out. You would Jam ours minediately ask me how this was effected. but Jam now relating the: nomena mwhich all sort of reasoning es to be most religiously repained from, The manner in which it is effected will hereafter 7. at the commy on It has been dispus ted by some whether the coldness takes place, but Jam certain it does most prequently. a Rigors This word has been used by medical authors to signify the colo other of the fit . Thus Sydenhan "caleset ligot

alternation" Juse however only in the tent vense asyou may observe in the (9. But for sometime continues dry. This is very generally the case the There are some exceptions. 10. Forehead. This moisture appears meled mevery other case in sweating, first on the prehead. We find likewise that mall the Ganthemata except the meliary crup tion, the Pustules appear first on the Josehead of so extend downwards. 11. Restored . Their ordinary state is certainly in a great measure cestored, this Justaps never entirely, they approach however neares to the natural state Shan before. Stages. The different parts of the vame paropeysm have been very generally cal.

led "fits" as the Het fit it, but the mode of pression is improper the word stages should be employed, it has been who: uise common todicides the paropyons mto two stages, but I maintain that There are three distinct ones, for the dry: ness of the shin generally continues for sometime after the heat comes on. Thave thus given you adescription Japan Butermettent fever, which I would advise you to compare with the description of Boeshace of Hoffman. It will not I hope appear vanity mme to inform you that Van Dauberen a Professor at Veyden has recommended To his Pupils as the most concise des =

The description of a disease is to be considered in two lights. The Character of thistory.

tription, of as a model for such descrip:

In the first we endeavour to distin: quish them from every ther disease, & on the Second, relate what afterwards appears, Quhich, the necessary to be. znown is not necessary to form the cha: have already given, the Second is con: turned in the following Paragraphs, but as I have in them given avery full account, of as a prowledge of the differ: ent particulars is only to be acquired by prequent study of perusal, I shall again mention themover. Whoever would wish to be more particularly informed may consult De Stacks, whose descriptions redundant full the indeed often very MB ho Comment on the Sollowing Para:
grapho. XXIII.
Paropyoms differ in several par:

Ticestars. The Phenomena are in different degrees. The Hot or lota fits are prequently not properly formed. another variety that is more prequent is. That there is no sweating stage. The time the differ: ent stages generally occupy also va: ries. The general proportion is, the lotel I At stages are generally one hour each. The sweating Stage six hours. Take notice however that this Paragraph contains the foundation XXIV. of all the varieties. 1. It is very seldom This however some: Times takes place. 2. apyresia. The termintermission would, as we should soon see, be his ble to ambiguity. to continue twenty years together.

1. Zustidian. many respectable lu: Thors, particularly Mercurialis in Italy of Riveries in France have de: need The gistence of any such species ontermittents. and the authors I how named afrest, that in the Course of 40 years experience They never met with one. and that what we looked on generally as such are really double. Tertians, adouble Tertian is a species of Intermittent muhicha Pa: roxyom vocurs every day, but instead of the Parotysm of every succeeding. day agreeing in the hime of their ac : They come on at different hours, but The Paroxyoms of every secondday agree exactly. For the fito of the Mon: day of the locanes day of Tuesday and Thursday for instance, come on at the

same hour of are perfectly similar. This concumstance however must be owing to their more Southern situation, for miny practice Thave Observed the pun Justicians much more prequent than the double Testian Intermittent.

Lientana Sestana de as receiving every 5! of b! day or at longer intervals such do really occur, but I look upon them to be more "irregularities" the In this opinion Sam seconded by many authors, especially Senad to whose work "de febrieim intermittentium natura" I must refer you.

1. Observe this is afact fishick I make very particular application. The contrary I know has been alledged, but I believe the aportions have driven from

mistakes, if it has however really hap:

pened, it is only asolitary exception.

2. Remission. This applies parti:

cularly to the hot stage of state of the

pulse. Thus if the latter falls from 120

to 100. Ilook on it as a pretty consider:

able remission.

No bomment on Par: 27.

XXVIII

1. In some. It has been common enough

1. In some. It has been common enough in suptems to deny this afsection and to pretend that such afever as what has been termed Continent, really does wist.

nion, for though Sound great difficulty to mark the exacerbations in Jever.

constantly found on paying a sufficient

ent degree of attention that they really did take place.

Boerhaave seems newer to have entertained adoubt that such a fever

ded really exist. But astrict disciple of his Dr. De Haen afserts in his Thesis, That no such Jever ever takes place. Togel Vide "Syndpsis hosologe debis continue! of Brendelius are of the same Opinion, so that Sam not singular in this ofinion. 2. Continent. The continuance of the Sever is chiefly to be distinguished by the state of the heat of pulse, but it is very difficult to fix the frequence of Pulse, necessary to constitute fever. I Haller says, That every pulse above go are fe: brite of no others, But Throw several. people in perfect health whose puloi is generally above go, of I have Juguently metwith fevers muhich the pulse was nd above 70 or 00.

1. A fuller explanation of this will be afterwards delivered.

2. One Paroxyom, not strictly true, but very generally so. 3. Premission twice. This is a wicum: stance little Observed by the generality of Physicians, but I have frequently taken notice get. XXX I. The Paroxyom of The Quartan is generally about six hours. The Que. tidian longer. 2. Least. Its what fit is sometimes very Ascure of little Ascerable, of the Party: your of a Tertian exceed 12 hours it is termed " Tertiana notha or spuria". all the above facts Sam to enwhe accey particular application to here: 1. Sometimes. If frequently happens 2. Protracted Thus the lingth of the Sarryon of the Tertian intermittent is encreased from or hours perhaps to 10 or 12 before it becomes Questidian. Chap. II." Of the Proximate lause of Levers.

No bomment: on Par: 32

XXXIII.

I have attempted it. If I should not suce: ieed in discovering it. It should not suce: ieed in discovering it. It should not be ful you in aproper train of more sign tion, which I think has never yet been done. And I expect besides to throw some new hight on other parts of the Animal Oconomy. (For Yan Swieton Ochnow ledges that Boerh awa did not pursue aproper plan).

I must here again remines you of my former opinions relative to the bourse

of Effect which actually applies in the present case. It has been generally ach: nowledged that no fever exists without being produced by acold state of Ithink Ican afest that hours hever orcurs unthout being followed by what fit. And Boerhaave in the aphorisms quoted, has seen the matter in the same hight. XXXV 1. Every diminution of the natural. colour argues that the Bood does not flow in sufficient quantity to the our: Jace, which proves that the force of the heart flarge arteries is diminished. The Shrinking, shows the same five which these take place. 2. Energy The brain is not merely a paprise organ, besides the power of the will first exercised there it perfores apower monsequence of impulses

made on Mer parts, of determining to influence to them , geven independent of these it is constantly determining its influence to muscles of other parts, and Thereby supports their sensibility and power. Langour Therefore of other such symptoms must depend whom adimi: nished state of that organ. 3. Imperfect Sensations Van Sweeten has given one of the strongest mistances of this, macase where ared hot Iron was applied to the sole of apersons foot in the cold stage Hover which was barned to the bond im perceived, of as the energy of the brain is necessary to preserve the different sen: sations, awahnes in them showsadi: minution of energy. 4. Seiling of what while the body is warm To account for this Phenomenan is aproblem which has puzzled every

Physician. without entering into the matter too subtility. I shall attempt to account for From several concumstances it is cortain shallh es some interruption of communication m the first stage of Jever between the brain gestern parts gus the idea of the estated in the rensorium commun & merely from theabsence of heat, it is easily percuived how the patient in that stage of four compo 5. Reart The action of the heart has been attributed to the visin site or in: herent power fromits contraction after A is taken out of the body, but not to say that this idea has been carried too far, et is certain that the ois moite tolf depends originally whon the brain, & is supported by it of no power therefore can act upon the owneita of the heast but by first acting whon the brain of dimin: ishing the vio nervea git is in this

manner that the different passions va: riously affect of agitate the heart.

1. Sedative any power that dimin: ishes motion of the power of motion on -The human body may be termed Seda: two. Now you know the power of afanse applied, of that the effect of that power to on the application of it always produced, which appears to be the case in the Jormer paragraph, Theretation offense I effect is clearly proved boldy fear cer tainly ally their debilitating powers That contagion of mins mutal act in the oume manner will be afterwards proved. another very strong proof that the symp. Toms of Jewer depend on debilitating causes, which are to be lelieved by attength. ening, Jones of stimulating powers, Jos we shall hereafter endeavour to show that evenall the medicines which have

beeneven employed with success in Intermit: tento belongs to these chapses. letsus vayo Shat when once aparopyon is formed, it is best prevented by otherytheners. The only difficulty in this point is with regard to the other orders of Pyresig, but these we shall afterwards consider, we speak here of fever as strictly denominated. XXXXII. 1. In what manner. Take notice of what advance, when heating of lauses and (Effects. When we can discover the mode of. operation of abouse it wony satisfactory, but the we should not beable to accomp. lish this, if the supposed cause is al. ways followed by one Seet we should not hesitate in pronouncing the next bause in whatever unknown manner is produces the exect.

XXXVIII

1. This is I think aclear definition of the vio medicaties natures, anidea as old as any in the lecords of Physics the of his heatise on Acute diseases out. ports the idea of such apower existingin The strongest manner, butifyou woulde wish to see it fully proved Twould recom. mend toyour strict perusal Gaubius's Puthology \$ 633.

to support this idea.

2. Cold up plied. This I say produces all the phenomena of Intermettents, of a person be thrown into a cola lives of then Takenout Tremors. Successions to come on, if he be then just to bed what stage well be formed of apropuse sweat break out The late De Morgan in his mechans:

cut Practice of Physic advices in Inter: mittents to have the patient thrown mits The cold bath, twhen out of just to bed, for The cold stage of sweating produced by This will prevent those which would na: turally be formed. Therefore maintains, that us a cold stage produced by art is scroricable a similar one is excited by nature, for the vame purpose XI.

1. Spasin. Spasmis a constition of muscular fibres more ordert y durable than natural.

It is outficiently distinguished from conviction miny Physiology, such a constiction of fibres round any vefice for fracture anarrower papage. The "Constictio vasi propria" of Boers have which produces the suppression excretions, for an ausunt fished -

2. Wewher action The fibres of the body. are maconstant state of contractility. I you withdraw therefore The distincing Jores ashrinking of the external parts, Pale: net, to will be the unsequence. This is the reason that in Synape all these phonomena takes place. But that there is another cause which in fivers operates inproducing these effects is I think pretty evident; in almost every encreased action of the heart forfocto we see associat produced as if intended to obvi: ate ito bad effects. In that stage of fever however no such Phenomenon appears / Vide Hoffman) bisides after some parts have become belased of the sweat has flower, other parts of the shin remain constricted. Tumors which even work arned matter have sometimes disappearis of never againstanced, all which with Mer Descroations charly

I think prove that there is present in The beginning of Jetrile paroxyoms an activity of spasmodie constriction of the atremity of the vefoclo. In The chil of this paragraph I have made away reference to parto of the works of Hoffman as they stand at present I should have referred you to the 1st Jorn Pag. 2. Proligomen art. 4th and you will find further illustration in the 1: Chap: of the 2? part under the as: tile of Tebris Terhone.

1. Thus far hus Hoffmanyone I had he stuck to these ideas, his spi: mions might have been better received, but he falls into Theoretical specula: tions on the nature of the fluids pure. by hey poshetical. 2. Cause Hoffman thought it owing -

The remote causes

XI, II. Take notice that Gaubius do: verves that when the howers of nation attempt to 4 perany Thing noxisies to The human vystem a brasm is produced.

XLIII.

Inow proceed tomake what I Think anecepacy addition to the ideas of Hoffman.

1. That an atony should outrist in the extreme vefoch agrees verywells with the idea that adebitity has been moduced - But that an Atony and spasm should subsist together is. net easily accounted for, we might herhaps say that while an atony subsisted in the course of the vefoch Themselves aspasm was included

on the Sphinches at their extremities, but waving allouch Pheoretical con: jectures, Town it is difficult, may in: deed nearly impossible to account for et, or establish it by reasoning. Itook upon it however as a matter of much greates consequence of advantage to establish sprove the fact, in which I think we may proceed agreationy 2. bonsent is when an affection raised more part is communicated to another to which the cause is not applied, -Cery writer has taken notice of the com: went of parts, and almost allaque that the stomach is the most remark: able organ in this respect of any in the body, Its consent with the surface of the body has been by thise writers oup: ported by Ascrong the phenomena which take place in the & anthemata, It may likewise be proved by sweral

other facts. The body is from swered Murcaus ses under a constant waste & decary, which is only to be supplied by the ahment taken into the stomach, and were we allowed many case toreason from final causes, we would be led to conclude that provident nature would so order it that whatever energused the one should likewise augment the de: oure of taking in the other. Now this we find in fact to be The case - The discharge of sweat of the appetite for food both depend upon a proper tone in the vefuelo ofibres of The surface of the body and stomach, & we find therefore, that whatever encreus: so the tone on the surface of the body of appetite of the contrary This proceed however on the sufe

position the contractility of the files of stomach, un ofinion we shall nest consider - The cause of appetite and hunger is fretty streeme D. Haller Inding appetite connected with a certain vacuity of the stomach, suf: posed itwas produced by the tecture of the vides of that viscus against-This idea however cannot be admitted, for its sides never touch each other as it always preserves its wir cular section, supposing however They did approachilt mit most emp: by state filled of bried with such a guam tity of amusous of viscia Phila as to appetite shunger. Another common ofmion is, that us the stomach empties itself of its contents. The remaining parts

become more of more acred, of stimula: ting it produce hunger, of they suppose This idea supported by many facts, as That acrids, such as tinegar to en: The state of the airmony how. ever must be very unequal of quite meonsistent with the regular returns of appetite - It cannot therefore ac: count for the phenomena. In my Physiology Thave account. es afverted that appetite depends upon The degree of contraction in the muculas libres of the stomach, which idea I think is strongly supported by the consi: deration that all the powers which in: crease appetite are those that encease The tone of the filres of the stomach. as willappear more clearly hereafter when we heat of Dyspepsia.

3. Cold. Boerhaave afverts that 4: ercise in coldweather such as sharting is one of the most powerful means of promoting both perspiration gappetits gevery practical writer agrees in the remark. 4. Debility. I could bring enough of proofs that These symptoms all depend whom debility, for the vomito act by their stimulating power, vomit: ong is prequently induced by debility in fainting 18ts, acometing mostly. comes on which can be accounted for mno other manner, of Opium, The most powerful of Sedutives often in: duce it. Thinow severaticho cannottake asmall dove atright without vomiting before or next morning. The ceasing of nausea and vom: Any in fevers when the sweat breaks out of the Descuation of Sydenham

would cull in the language of Nord port of my opinion
It is likewise obscuribly m The account of the last qual Plague m London that as soon as the Sweat appeared the vomiting coused. 5. Emetics. This Thave frequently practised in the Infirmary here at all the different periods of the what stage of fevers, of itis now known that Emetics given before the cold stage of. fevers frequently prevent the formation 6. Coldwater Ishall hereafter give you two questations from belows, which show the practice of some they occians in his time in Intermittento. They let the thirst arise to avery high degree of then your the patient large drught quates which them into a profuse sweat, which preventes the for: mation of the purcygom. Our Julino mixture acts by its reprigerant power m The vame manner Doz! by encreasing The tone of producing a Sweat - Imight here add much more moup: port of these opinions, but as it would be trespeasing on your time and as clear Ishall proceed. De Jackson a late Papilof mine m his Dissertation on Sympathy, en: deavours to controver some of my opinions, but I sha I not delay to ments. 1. Delirium There is hardly a fever of any duration or degree that is not accompanied with delvieum.

2. Inequality This is and dochine

Jor amore full & planation of which see Not: 4th & MDXI. to MDI. 3. bold Stage. Sir John Pringle gives us an account of a fewer which prevailed mi the army for sometime muhich a toms that appeared. XLVI 1. I have thought this paragraph referred to the proofs of eny opinion for merty delivered, that the remote cau: ses are sedative powers is I think sufficiently proved in XXXVI. but they will be more fully considered -2. Extreme velsels of the mergy is dimmished in the brain, we might arque that it must be most dimin; is hed in the parts for thest situated from that organ. Just as the winda: tion the greater the distance from the

heart, but laying aside all reasoning Think I have sufficiently proded 3. Indirect. This language may not be understood, These powers which excite motion in the different parts. are termed stimuli, gerhere their power is evident of action immedi: ate they are called direct, but then are many powers which produce usi: milar effect, whose manner of sperating we cannot explain of which seem atfirst rather productive of the contrary. These are termed Indirect! 4. Cold Stage of Spasm. The factions Set I shall not attempt to explain it see 4. Continues so. Hoffman would say till the spasm was over come , but I afrest that the restouction of sweat requires the restoration of the tone of the

extreme vefoch which was lost. There is no difficulty mideed in comprehending any part of this dochine, but that an along & spasm should subsist toge: ther, but the fact is so, of the necessity of This supposition will Jam sine appear more necessary on consideration. In most cases there is no difficulty in ef: planning how this encreused lenergy is produced. But in some however while The action of the vefsels continues to de: crease, asolution of the fever is istamed. I rest the matter enterely upon facts, afresting likewise that it directs to a proper practice, of that the Sycitions to it are drawn from solitary cases which can never be explained by any vyvtim, of I expect that in the Course of These lectures my opinions will acquire Justher Mistratione

XLVIII

1. Ventor. When the opinions of this: tothe of Galen began to decline, The next new system was that of Descartes, who attempted even atreation on the animal Oconomy as soon as the cei: culation was discovered, gitwas found That afeed motion of the blood was no: cepany to health, it immediately our curred to Philosophers and Physicians that whatever Astructed this feed us. culation must be the cause of the dis: case, in this they were perfectly eight but frew nothing of the herbous rijo: ten, asought for this Astructing cause mi the fluids Themselves. It was and idea indeed as old as Asclepiades, and Descartes immediately took itup, itwas soon universally received of has Continued the predailing of mion neur:

But it was never applied so exten: ewely to Pathology as in Boerhauses 2. Suddenness. Van Swieton Osewes that aman in an ague, halfun hourbe: fore the fit comes on thinks himselfin perfect health of vayo in ouch a state it is impossible ageneral viscidity could prevail, of there is besides no proof that such does exist. It has however been imagined that The it does not in such a state prevail, et may be very suddenly induced, but Van Swieton arques strongly against This idea of there he first introduces the 30 Evopor sv or Impetum Jaciens of Hippocrates, of goes on to give proofs that the phenomena depend upon -. The newowes system or moving powers. I think this reasoning perpetly just, of am surprized it only spenly attached

by m. Jenae, it appears to me however. No proceed from a jeulousie de Amilio Vetween two Comiti Archahonum, for Jenae is not consistent with him: veef elsewhere whenhe refuses all the wous system XIX.

1. Noxious matter This has been an universal doctrine from Hippocrates to Boerhause, git may appear very bother in me to attach it, but I shall endeavour to show that it resto whom averyweelt: an foundation. Authority Ishink chould have noweight, as we now find The Philosophy of aristothe perfectly of: placed. Why should the authority of The ancient in medicine be morere. garded: who ignorant of anatomy, ha: tural Philosophy or Chemistry were, Safvert unable to drew just conclusions.

and as for The authority of the schools once, I must say that the generality of Physicians have been servum pecus mitationum following implicitly and without enquiring whatever was de: 2. Ad fear. Nobody will say that either of these powers, which have he: quently produced perfect fevers, canin to duce any mobiles matter onto the Hood - The sweat which constantly at: tendo has given suspicion that a mobified matter was always present which was mithis way expelled, But sweat constantly attends an encreased action of the heart of arteries, que see here it attends Jevers where no morbig. i matter can be supposed present. 3. Hemourhagy, Entificial or sponta: neous when not ibfo was lost, which on computation is not above the bo" part

I the whole majo, so that not above a bo: part of the morbific matter could have been 4 helled Le. Collected of this discharge was made withe way of an ordinary secreti: on, as that of Wirie de, those may be some probability in the idea, but this will not apply to the vefocts of the nose. from which a discharge of pine Blood has cured the disease. And when we consider that the same effect has of Howed an asti: Juical Hemouthagy, it is fully sufficient 4. Concoction - From Hippocration To Boerhaave this do chine has likewise been received I may vay universally, and it is curious to Absence that Wy : man, after afserting that shawm is The coulse of fiver, inters as fully into This hypothetical idea as any of the rest. In Teading therefore of his works

you should be on your quart as to this par: timber. S. In Certain cases In The small pagefor motanes, we see that the notions matter isthrown out exactly of the same nature with that introduced frontinues from age to age to produce exactly smelar changes inour system, of thouse cannot prove so clearly the same thing withre. gard to Mur contagions yMhis work: neing constantly of the same nature I constantly producing the same disca: ses render it sufferently chas that no This supposed concoction. 5. That the lever often terminates, as in The same small por, in whichafter afew Justicles have appeared the floor entirely. ceases very prequently so that the ideas expulsion being necessary to remove fe:

Jever is if as hypothetical as that of concection. 6. without weiting. Physiciano oupposed a certain hime necessary for The concoction, swe find in Lydenham and oddedia of this kind with respect tolevers. The observes that Continued fevers generally last about afortnight, & that The Tertians often spontaneously termi: nate after Deven paroxysmo which amount to nearly the vame time and makes asmiller Aservation with 10: gard to the Quartan. The concludes there: fore, that as suchalength of time seems recepany to the concochin we should not attempt the were of Fertians till the leven haroxyvmo be past to. But we can were a Testian, after Three or even one paroxyom has come on! without waiting the supposed necesoary time, of as for Continued Levers, The Odo

not imagine they have been so often cured by James's Powder as the Partisans of his pretend - Jam convinced they have other antimoneis. Albertuis and Italian Physician says that the Bush cannot cure Intermettents without some evacuation. This however is perfectly fulse & Pan Swieton endeavours to prove it so, but being contrary to the Boerhausian vyor len says that something very subtile onay exhale from the interment parts
of the Nervous system. On The whole therefore Imeest vay, That doctrines of Morbifie matter. Con: cotion of arelit founded, pivilous abourd. and it will appear that onyideas on this subject will of have at ready intiduces a change in the language of system of theyou, as the old

opinions respecting them seem to be desort. ed by many modern Physicians. 1. This paragraph is to prevent ma: ory pooper falod consequences which may arise from my former afourtions. Thata purtiescency of the pluces ever takes place. m The living body has been deneed of late especially by D. millman, but I shall here: after give my reasons for differing from him, I will Ihope sufficiently prove his ideas on this subject groundless. Bile. This is an idea which has even lately prevailed very much, gis principally supported by the very learned of ingenious -In! Senew, it is even at present very pre: valent on the continent 2. Yomiting . Any person who has. allended to the effects of meties will readily grant this. Harises perhaps merely

from the compression of the liver to of the periotallie motion, but it appears likewise probable that Emetics this' the gall bladder of deed itself mito -contractions

3. accumulated The ingenious Dr. Mercey bong ago Aserved in difseeting Those who dies mithe lote stage of Intermittento That the Hood was letter: ted ingreater quantity Than usual in The large vefoets about the heart and system of the Vena portanim, youch an encreased quantity of blood must moduce an increased secretion of bite. A Cholera. A disease principally of Hot chimales, Tydenham sups it was generally confined to the Dogdays in England of my Abservation is Sinely Mustated by Deblighorn , who vays, that in Minorca, wherethe Summer is very hot it is a prequent dis:

ease, but occurs vooner or tales as the Summer heats set in at an early or late period. 5 without lever. This is a principal argument agamst Biles being the touse of Intermittents, yas be will hereafter when that they almost at: ways arise from march Effluora, use need not I think hesitate a moment mi determining from which powers 6. Redundance. The vame heat which produces oledundance of bile produces also an increased exholati: on of Marsh effluoria - But those that live in the high bounties, at: the the bile is at this time scereted mgreates quantity are not applited with Intermittents, while those in The low countries almost constant: by and, of which we have motanees in

ford to in Ingland. Besides all these considerations A is not aplamed how an increased quantity of or altered quality of bile could produce fevers, or how the lemen dies which are found most success: ful mearing these diseases, but as the bash to can affect the fluids. 1. Fluids. This the vo contrary to The Boerhadoran system is supported by Your Swieton Wide etiam Senad de signe schile.)

Chap: III. Of the Difference Jevers Tevers LIII. Jam going to enter whom avery difficult subject of I must own that This Chapter gives me as little satio: faction as any inmy book. This pretty full upon the subject motead therefore of reading the test of commenting oh it Ishall own up the whole doctine m'as clear a man: over as possible y leave you to consult This thapter atyour leisure LXII. 1. Diathesis Phlogistica I howanti: cipate a doctrine which Ishall on: deavour to prove of illustrate more Jully hereafter in

LXVI. Diversity. As for example in the hosology of Jage. Vinnous to but most of these distinctions are very fri: ustous, of I must vay it is very abourd to attempt a distinction of diseases in a manner which cannot be applied Tell the disease is cured, which is exact: by the case with those distinctions in: to duced from the different duration of the disease, but I besides dery that these differences do constitute a variety was all the har and I He have lately published by D. Seltie of Merhin aBook entitled Pyritologies rudimenta. A more in: correct book I have never veen. We attempt to distinguish dis: eases by their Ascure causes, and multiplies the General of spices of Jevers beyond all bounds

LXVII.

1 Inflammatory of Nervans. It is sur! prizing that Physicians on the bont in = ent should have remained so long Sind To This distinction which has prevailed in Britain since the time of willis. 2. Synocha. Adoubt has arisen whether afever of this kind ever exists, without being combined with some topic cal inflammation, but the the instan: les are rare such afever does really exist. LXIX. 1. Only avariety. but when varieties or species differ very materially Theyare in practice to be distinguished as LXX. · Species. I have es tablished two in The hosology Juhich see). Petratiales some different species

but Ithink they are as yet by no means property distinguished. Ahr I must say That great care should be taken in mark: my These varieties. Hwas anchon of Sydenham that Ejudemies changed their nature every year, but I must say it is my spinion That this idea is ill founded, of that the appearent difference arises from the circumstances has mentioned - Vam sorry to see that the Jociety Irogale at Paris proceeded in their enquiries on a supposition of this diversity. IXXII. From the difolowod. The Conquetata tymph is that hast of the blood which gives cohesive its different parts, but This whereve power is by putefaction entirely distroyed. When blood There: fore drawn out does not coaquilate when itrums of by various outlets of, it has

lan almost universally allowed thata putrefaction, at least an medicent one has taken place. The only person that has denied it is D'Milman, who allows The facts mentioned, but accounts for them in a different manner. But I hope Is halls hereafter prove to you pretty fully that they depend primarily on Puhefaction. A.XXIII.

1. Which of Whetwo. Thus it is difficult to determine whether the Tertiana plantica Sawages, belongs to the section of In: termittento or to that of the Phleymass, as it has sometimes been word by blood letting. Sometimes by Back & - In such cases Therefore adistriction onust be difficulti LXXV.

Hestiv. Scealthe different species of Tauvages every one fuhish are Tymp: tomation

LXXV.

Distinction Very few have attempted to 4) Sain the difference of Intermittento except Forte who has given us a genealogical table of them, such an one Swould ad: vise youts attempt as an exercise, & you will find much afoistance in the nosology - I once altempted of ouc: ceeded Allerably will in some places, but failed mothers especially in the Intermittento. menationed (261) of materialis

Chap: IV. of the Remote Causes of the Fiever

LXXVI. 1. Direct. It is our prizing how -Physicians have stuck to this idea -Wide Bourhauve \$500. where Ame tentho of the causes he inumerates are of this kind) of they seem I must say to have no sustición of any other, Hoffman among the rest falls into the vame train of thinking I See his enu: Merations of them bours materiales Widence mine of Ten of Bourhauses cause materialis sourcely produced IXXVII. Phenomena. Debility to Direct stimus: lanto should bring inimmediately an merease of prequency of person.

LXXVIII.

1. Yordernie. That is which affect a great number of persons at the. Same time _ But food it is true has cometimes produced fever amongst the lower chajo of people , & m dome motances diseases have arisen from but corrupted water, but in these cases The discuses are generally spidemie I we must therefore ocel as I may atmosphere.

2. Originally Contagion does very often rise from other Substances, but these were imbibed originally from the bodies of men.

3. Other Substances. Every Sher Contiguous matter fleating in the aid not produced by bodies of onen.

INXIX.

Variety. Such a view is always

embarrajoing to beginners.

2. Examinemata as the Small.

Por Measles &c.

Nowwell known. Observations to
This purposed were first made about

This purposed were first made about 50 or bo years ago, but the fact was ord much taken notice of in Britain till the year 1750, when on some lu: coners being brought from Jail at an assize to be Reid many people were sured immediately with a vis: lent of mulignant fever & This guve oc: casion to dis Alm Pringles Ysayon The subject of many Aservations of a similar nature were made by Surgions in the army abroad from the great prevalence of an Hospital fiver, git is now pretty well ascertained, that etis from Sails of Hospitals Twees

very prequently arise. In the latter in: deed the discases which there prevail may be supposed to give rise to low ta: gions, birtin the former no suspicion of this hima can be admitted, and it seems most probable that in both they excession astagnation of human 2. Other places. It may be genera: ted for motunee momule crouded un: clearly houses, we cannot thereford in comy motance trace it to Juilo or Hos: pitalo, yet as the diseuses are alike and propagated masimilal manner, we same causes vame causes. 3. Paroxyoms as The Small pop De seem to be. LXXXII.

I sear to the owners. The notions of oncom. find on the subject Montagions have

been very world of a havagent - It has been said, that when avirulent disease has prevailed in a city, Burds in Thying over it have been Grown to drop down dead, but everyiden of this hime is perfectly false, as the following proof among many Thers clearly show -. That contagions do not act for from Their source. Many proof of this afrestion are to be found in the history of the Plaque - In the Devant where the Plague is very prequent there settled umong the Surhs many Europeans. The first from principles of leliquin take no precaution whatevel to pre: vent the preading of the infection. The latter on the contrary avoid The slightest communication with Their neighbours, sherthing themselves up cultirely misheir houses of the'

They are surrounded by houses in . which the discuses rages most violent: by of the their windows are often spened, Jufficient care be twhen They always One very particular of shiking lact to this purpose is mentioned byla Di Dawson in the Philosophical trans: actions. He resided for sometime at a hactory where the plague raged with great violence, girher it was common to live on the Terrapees on The loop of

To hive on the Terrapees on the loop of their houses in summer. The terrapees of meigh bouring houses are generally divided by wallo, of at the bottom of one of these wallo, which were about light feet high I Dawsons bed was placed of he lay their during the whole time the disease raged without being in the smallest deque affected, this he found afterwards that many

had deed at the other vide. at Constantinople. The Plaque had some how been nitroduced into one part of the Trench ambafoudors house, but by atting Mall communic necation with that hart, it was fire: vented from spreading further. In the Great Plaque at marseilles many monashies whichwere hept con: stantly sheet entirely excuped. Jam oure that if the plague was to come amongstus, of sufficient precautions of this haid be taken, seven tenths more Than usually do would escape. There have been mistances of The Plague on A cropsing anurrow land, while it has attached a distant part of the City from some communication with the inhabitanto of the part first affected. active state. This is a fact of the

utmost consequence, of two questions. will naturally arise, how long will the impregnation I speak of be Estamed. I how soon canary substance beembrued with the injectious primaple. One motance which fell under my own consideration shows that on botances can be embrued with con: tugion in avery short space of time. At atime when the small pox was very rife the child of algentheman was af Jected with the chincough , & as it was decemed unsafe to inoculate her, her dry neerse was forbid in the streetest manner from leaving the house, of she was accordingly very closely confined. best heaving that a dister of his had lost a child in the Small pox whe -broke thro' all restraint, went to her ois: ters greturned mabout anhous, but in about minedays after thecheld sich:

ened of had the small post withe us: und manner. 3. Formites. It has been said that The more porous bodies are the more powerful, they prove in wheeting of transmitting contagion, accordingly Wooden is more to be scared in this way than botton. Timen to build I spread contagion. aparticular fact mentioned by De Lind on his proof of this idea. He mentions That the Grew of avejsel was much afflited with (Defortery, of that the vefort, so voon as she got into Port was unloaded of every Particle of vent into dock to repair. best every workman sent on baard for This purpose was affected with the same It is clear therefore that wood has

The power of retaining of communicating the contagion. Dis likewise clear from another Jack, that stone walls propogo a similar power - The descuse called Glanders, to which Horses are liable is acontagious one of when ones a stable has been in: feeted, it is often Jound necessary to quellit down entirely, as The infation to frequently communicated to every horse which enters it afterwards. 4 more powerful. This is ance idea of there are not mideed as yet in any facts to support it, but some circumstances will I think render it very probable. It appears Ishinh from the same Jail fover of 1750 The Jorly Per: sono first infected were attended by their Jamily of other, none of them were of Jectell, This the greatest number of the first July deed - Sir Ichn Single ac

counts for this by supposing that the Mit was not then in aproper state to propagate the injection, but that this is a false idea has been already suf ficiently proved, of it seems to have hap. pened from the first infections arising. from Tornites of being more virulest -Than that which arose immediately from The bodies of these affected with the discuse! There is bisides athery mits fa: vour, for if we allow that contagion arises from a correlation of human of Therein, the longer it is held ma stugna. ting state of the further this conduption proceeds The more virulent itis probable will the contagion prove. It is worth while to make one more Ascessation with respect to contagions, which is, that custom veems to render them. ly powerful of even of no effect. Thus in

Lails afever is often produced which in fects the entire neighbourhood, while those who live in the wait are peed.

In the afoires again for instance of the year \$750 It is extremely probable that the infection proceeded from the president at the bas who were nevertheless not aforted with the disease of this besides were that the who escapes contagion once will not so easily be affected by it again.

TXXXIII.

from inflammation - It habitions - come inflammation - It habitions - way species of formentation of & I I think it is curious they do not prove more nopious thanwa find is the case. It is Ithink probable that they newhalize each other gare besides difficultied of diffused through the atmosphere beyond the week of man. I XXXIV

LXXXIV

1. Miasma - 2. Marshes - many have not asufficiently quet knowledge of the meaning of the word marsh . It rignifice an extensive portion of water with some earth emerging here other for if it be covered with water, it becomes This is finely illustrated by some Aservations of vir John Pringle made in Flanders - The Jound thut when The Inundations about the fortified Cities There were complete no diseases. took place, but as soonas any of the wa: ter was drawn of of a march formed in: termittento became Epidemie. In Egypt when the whole lountry is covered with the waters of the hile, -The chimate is remarkably wholesome, of The saledrily is in proposition to The incin: dution is compleat, but as soon us the

water are withdrawn diseases begin Mr. Jenac likewise relates afact Imely illus hative of This subject. He takes notice of abity adjoining to .. which was a take of metly considerable extent - Both city abounty sayon: my were remarkable for substity. as The lake however received all The filth of The lity its bottom at length rose up & appeared above the surface of the wa: Fer, of from time forward the adjoining parts of the city were affected with a vistent Epidemical Intermittent. Heat. This is proved by intermittent my my chiefly Towards the end of Sum: mer of autumn. His surprising how long Physi. cians were in perceding, that Inter: mettents arose chiefly from marsh !! fluria - Sancisil was the first who -

heuted of it mhis book de nexiis palu: dum expluvies. and to the honour of our ait he Ostained from Pope vilno: cent XII power of liberty to arain mas my marshy countries news Rome which were remarkably unwholesome but reco: vered their saturity in proportion as The marshes were drained. In France likewise not long ago Engineer l'iteme was sent to drain a great part of the province of Vangue: Loc which abounded with marshes of was remarkably unwholesome and it became healthy inproportion as the marshes were drained. Many observa: tions have been made on this subject for Pringle & thers. While the Island of Grenada was on the hands of the French they suffered a Marsh which was near the town to

remain undramed, o'chwas accordingly. afflicted yearly with avident intermit. tent - Since It has been ceded to the English Thewaters of the murch have remarkably enercased. Al Bencoden one your Lettle: ments in the East Indies Therewas at -. Marsh very near the Join of Fort, to it was remarked as one of the most un: wholesome places in that part of the. world, so much so, that it was impossion He to keep the Garrison supplied. It. length however they have built the Town of Fort on a rising ground at some dis: Tance git has become as healthy a. on be owing to a degree of fermentation. Heat will certainly augment is vour

Quantity. Sir John Ringle Asows that the nearer The Soldiers lay to the Marshes The more prequent of violent were the Intermittents. It is remarked by the inhabit: ants of the Banks of the Ganges . where Intermittents are very Jusquent, That they are numerous of more violent in proportion as the biver is high or low, of consequently as the march is more or les extensive. It has likewise been Ascwed, That the neares Ships heep to the Bank in Sailing up & down the more subject They are to them. of to prevent the entrance of the Infection They heep the post holes next the bank always shut - allwhich seem to prove Contagion more nowerful inproportion to its quantity in agiven v/uee As Commenton Pari OS

LXXXVI

Sedative. This is sufficiently cordent. The human body has aconstant tendency to pute faction of the pusties: cent parts are constantly carried of by. the different exerctions, of as fontagions arise from the stagnation of these, it is pretty clear that they are of apertiescent nature - And as in feeler theday is of her: Tridity of debility heep pare with cach other, it will appear pretty clearly that putied contagions act by a sedative of debilitating quality Sam now to attend to asubject moded in many speculations, of which, The not mentioned in my Set I shave netforg Aten. deris. What are the circumstances g Mins muta? The operations of 6 on tregion

store find that when several are sposed to lontagions some escupe, while others are attached & that in general they Do not of resale without The concurrence of some Heiting causes. The operation of Contagion then well differ according to the dique of how: er in the infection applied of Ithink we may consider those infections most howerful that are most oudden. This I think is pretty clear from the History of The Plague of Marselles - Some of the Porters who opened the Bales mushich The infection was contained were struck down dead immediately of others died in as hort hime. The power ofan infection is shown in the next place by the generality of its effects Thave seen many cases of Syventery withis wuntry munifoly Contagious gyet which ded not spread

for This will apply particularly to the human contagion , & likewise to that arising from marshes, as we find Inter: mettents different in different persons which I presume depends whon the dif. Jerent degrees of power in the fection & ammelined to say infection is more how! esful in proportion to the deque of heat present, as it carries on I should think the fermentation to a higher degree of a higher degree of power in the infection will produce as eening difference in the dis: Luse- Thus is the nervous & Peterhial Typhus are the same disease & differ only in the degree, from the quates pow: et of the contagion applied - This sub: ject has several consequences in the prevention Sprognostic of diseases. A Second circumstance varying in the operation of Contagion of Contain geonis the different quantity fit which

is applied. With regard to human Contugion. indeed this is very doubtful, as an im: conceivable small quantity will from: duce disease. and we find from the Small for that no difference arises from The quantity of infection communicated, but adoubt will arise whether this hereafter. Athird circumstance which in: Theenes the effects of Contagions is the degree of heat which accompanies their application - I said before that a cert: am degree of heat was newfrang to their appearance, of it is well cotablished that The coming on of acold veason futs an end to the peration of Infutions I do not however deny that Infar hon may be propagated in winter -Steat ofterates most fire ally by mercus.

Mation. Suid before) The deque of formen. I cannot here pass insilence a question Viz. Does heat ever destroy The power of Contagion? There are Several lecords of the Plagues ceasing suddenly on the af: pearance of and season, but There not been able to ascertain the exact circum: stances of must leave to you to determine. This much we know, that acertain de = gree of heat destroys all fermentations. The is bircumstance we shall men: tion is the presence of which state of the air - Contagion is not only produced by apartied process, butil augmented by apatied matter present, as firment: ation will always proceed farther the greater the majo. Jever which encreased on the Hospital, says,

he did not doubt but the infection foro: Leeded from alourd muhich laya putient with a Gungeene himb. That aprehid state of the dist in: creases the power of buntagion isil: bustated by many facts, Bya Purm phlet of Browningge we are inform: ed that the brew of areford which came onto whitehaven who were af: flited with ajach fever were brought on Shore of from the impossibility of providing empty houses werd undovid: ably crowded. The Poctor attended them but with no succes, many of them died, of suspecting the cause the provided las: ger spaces for their leception. Thefew who remained after the change sucovered, which he attributes to their removal to apure dis. In the last Indies afwer laged

amongst the hoops sovidently at one time, of the Took italo were to fell that many were from needsoity left out, the donsequence was, that from the crowded state of the Hospitals all Those who were received into them? died and all that were left out reco. vered. The last hime the Plaque ra: ged in Sedland the people of deith erected tento on the Commono news The town of carried out many of their sich all of whom recovered and the disease was thereby rendered consi: derably milder - lin accumustation of puttied matter therefore increases The power of bontagion of Ventilation is there fore necessary.

Athere soin ment suin most fire place. once took it into his head to heep and account of the state of the winds and

he was enabled to mark the prevalence of Them from Avering the days on which many wind mills in his neighbourhood worked, of he vays. That for anumber of years he found weather. I has been supposed that in certain seasons there is a state of the air more favourable to pute flection. Than in others, independent of the -

degree of heat , of the this has by many been looked upon as ill founded - I have no doubt that such astatedoes exist of that in such. The spreading of the 6 ontagion is more universal -Sis Ihmstringle as I mentioned before accounts for the fever of 1750 not spreading, owing to the absence I some such necessary state of Theair, but the show indedouned Bohows

that his notions in this isspect were ill Journaled, There is some foundation for The general idea. - A Fifth circumstance which seems to give Meet to contagion is -Cold, The inacertain degree it destroys Indina has Observed, Thatin people exposed to infection no effect was produced anless rold was applied which excited it to operate, of there are many motances of asimilar natured -We have besides a theory in its Javous. Gold in a certain degree induces (trong which will apoint of excites its operation. Contagions indeed are very apt tooper: ate without an Exciting cause as we Jind is the case in Insolution, but. agreeable to Dr. Inds Observation, Contagions & Mias mata operate chiefly when an Exciting cause is ap:

pleid. A Sixth circumstance un in: pression of fever will assist the power of Contagion - all writers on the -Maque agree in this, nay Divines, who withefred the effects of a Plague afverto positively, that no person was veized with it unles first impressed with fear. Gaubicis vacy an metus om: nis contagii matter, besterhat Isaid just now, that Contagions will operate without exciting causes sufficiently refutes this idea - hear however it is certain acts very powerfully. Int long ago heard a case greatly ithus thatele of its effects. In the Growbuting neigh: bourhood of an Inoculating Hospitus lived afamily many of whom had never received the infection fremamid

Tho in The neighbourh od perfectly feet, At reveral miles distant lived a Ludy who was in a similar schuttion, but greatly terrified at the thought of taking the disorder .- Inriding out she approached inadvertently towithin about half amile of the Hos: pital she so much dreaded of on being moroned of it was affected with such a degree of fear that a lota stage domotuntly came on , of she motuntly had The small Pox in the usual time. We see here, That the afamily lived very near the Hospital without being affected, This patient wassei: 3cd, from whigh degree of torror with The disease this at Sulfamiles distance. I have no doubt however that the m's Section was applied before, of that operas ted only as a powerful weeting

Lear acts I magine by meucing overtability from this fact, that mall Contagious diseases more young people are always attached than da, which is atting owing to the greates degree of irritability - That myself disero: A Swenth of much more certain apristant than any of the former to The operation of contagion is Debility, Convalescents, - Persons exposed to considerable evacuations de are always most liable to contagious diseases -In support of this lidea is acurious fact mentioned by many writers on the -Plaque Viz! That new married people and more subject to it Thun Thers -Grefs invenery will certainly induced debility, which whatever you may Think at present Throw to be fact from experience.

another fact in the support of the same idea is, that after afit of in: temperance astate alibary & attend ed with debility) men are very liable to be affected by contagion. And Shave known many molances of Jevers com: my on immediately aftera debouch. I shall conclude this subject with alledging, That aweahnes of lon: stitution gives effects to bontagions, a contrary state will preserve he from their power . How this agrees with what I said above with respect toage I cannot clearly explain, but the facts and so. His Ithink clearly pro: ved by the Officers of an army escaping Contagions which the Soldiers outer port, of which can only be owing to The better mode of life of the former. another question which arises here is, Have the Heavenly Bodies any

Meet on the speration of Contagions de That they have some effect is I think well established, but inwhat position They produce their effects, or what their effects are is not determined. algentheman whom Iknow to be possessed of good parts of judgment has lately published a heatise on The influence of the moon in Severs mean Mr. Bulfour which see Jum certain at least that this subject me: rito the attention of Physicians, and their Strewations either manfirma tion or contrudeition of the afvertion. In what manned do bontago: ons enter the body? I magne by many different ways, Thy all together, as by. The Jalica - Jungo - Aternal surfaces or - It is amatter plittle consequence of a particular opinion had not been started by Lynn of Hayler, that they

entered only by the stomach. But the general opinion is very improbable. We know in many instances That Contagions are applied long be fore they produce their effects of they could not remain so long in the storms ach without undergoing some chan: ger - Diseases are produced by lold-Fear - Intemperance do which can: net act immediately on the stomach, but the nausea - Sichness of Stomach the which generally preceded or accom? pany Contagions, is amost of general, not of Topical affection, as appears in the Small Pot from Inoculation, where The infection is first applied to the of: tremities, gyet an affection of the Nomach afterwards appears. There may be some foundation for the ofimion from considering that the Plagues is-Juguently attended with violent Dom:

iting, but the experiment of Tyden ham which I mentioned before NAN clearly proves it to depend upon a general not Topical affection - The action of Vomits in relieving such diseases I have aheady explained. LXXXVIII. 1. It may be expected that the great question relative to the nature of cold, whether it be merely an absence ofheat or a positive quality, should be here discerped, but Jagles entirely with modern Philosophers withe form: er opinion, as however it communi: cates a different temperature to the human body, of produces many ther effects, it may with regard toit be consi: dered as posepses of apositive power, The it be in reality not more than the absence of heat. 2. necessary to its Meds being letaines

That this is the case of cases out of 100 allover the Globe I afvert to be fact. 3. above Sixty two This afsertion is The result of Viewation & experiment. D. Lynn of Hayler says that at sy hedice not perceive the least. degree of cold, the the experiment rous mudd machose room gwith his ordinary cloather on - alerson cets amby may be exposed to atempera: tule somewhat below 62 without feel my cold, as the application of cold -seems to persejo the property of enercus: ing the power of generating heat. LXXXIX. as the new impression to . This is illus: trated by what happens with regard to Dight, usmall degree of which will up: pear very strong to a person confined

for sometime in a dark Chamber & the contrary.

It is set ma clear point of view by an aperiment of Im Du Fray, who in The examining the light of some Gems which whine in the dark, found that he could not perceive the broke of many of them unless confined in the dark for oleep. Buthe had not this speaturity as: evays of could not space time for the form: er, he bound up one eye quite close and leaving it so for a sufficient length oftime, he could, on opening it percesse some of the goms queto luminous which to the other appeared perfectly dark. Extinguish the Vital to. We have had many instances of persons being killed by the application of intense lite. Some have imagined this acted by congelation, of Gaubiles has these words longelante

demum cerebro, but it acts merely by dimin: ishing the Energy of the vital principle. 2 Real. I might here onles wito the Thistory of arimal life, but it will be Avious That heat applied in the Vinparous animals in the womb of boiparous in the egg) is the prime mover of afterwards The chief support of animal life. 3 Tutense, greatly below be degrees. Large portion We see in the manimate bodies, if ald be applied to but asmall portion! It will be long before it spreads thro' The remaining musto, git is the same with regard to the human body. 4. Stimulus How the heat of the animal bodies is produced is amuther of much disporte, of Ishall not here enter mits the question, but this much is certains that the heat is always in proportion to The degree of circulation of therefore Cold proves a Stimulus so as to mercuse the

heat of the body or of any particular part the vefocts. Cola Bathing renders the skin red: der of sooner warmer, Theapplication of Inow produces a glowing heat on the be produced. 5. Every case. If they be hansitary. I to produce the Simulant effect Nisvery requisite they should be more hunsi Toug the lower the degree of Cold - This Finusant effect of wold is Ithink ano: Ther mistance of the vis medicatrix na: tures, for the derect power of cold is always Sedutive, but it proves stimulant from the reaction being excited, unless the eddapplied be so intense as to destroy The power of weathon. for alength of time, or if the body towhich

it is applied be in awant of languid state The stimulant power will not succeed for obvious reasons. Thus we find those of a very weath habit, on coming out of the cold buth Pale - weak to from the le: . of the cold. 6. Communicated . In Sysuria J. have known good effects from taking the putient out of bed, of placing him sitting on a cold table. We often perceive on the application of Cold water to the feet a desire to make water. And lold applied to the lower extremities fler loosens the belly, which Ithink areowing to the contraction of the piles being communicated from the place of the application of cold to the part affected. This contactility or constituen of ten proceeds to adope that it becomes spasm, but what degree of fold produce:

ces more construction, y what spasm dam unable to determine.

stimulant of Jonio The action of a stimulas. consists in encuasing the act though cannot be produced without an encrused tome of contractility of the vefoclo

1. Inflammatory disposition. This is The diathesis Phlogostica which consists of an enercused fone of the arterial syp: tem, of which Ishall have occasion to Tuck of hereafter of that such is midu: ced by cold - There are many proofs. Inflammatory discuses are much more frequent micold than in warm chi: mates, in Winter Than in Summer. Willary has Ascroed Thatin -Barbadoes De metwith one or his motion: ces of inflammatory discuses.

2 batarch. which aheematism to are prequently without - This disease is generally accompanied withan In: flammatory diathesis, an increased Secretion of mucus to I shall hereafter show the consent which subcests be: tween the Jungo of surface of the body, or the ballance between the systems of The aorta of Pulmonary artery, and it will appear evident thatis the quantity of blood mone be diminished, it must be mercused in the other of a contra, and that a determination to the lungs will consequently be the consequence of the application of cold in a certain degree, besides, it not only determines to the Lungo, but actually suppresses pers: piration, which matter well also be determined to the vame part. But I imagine there is something besides all this in the application of total

which produces latarch. It is generally supposed that the low queight from in: sensible perspiration is entirely owing Towhat is thrown outby the Jusques of The body. But I Hales has taught. us by experiment, That a considerable quantity is discharged by the hings, and that nothing is more probable. Than that nature has connected one with the other in such amanner that a diminution more discharge produ: ces an increase in the other de as is the case with excretion of Twent, and Urino. This guies us quite anus view I the subject, for we see that on the sup: position of perspiration from the par: Jace the discharge from the Sungo must be necessarily augmented. the Vital firmeiple in the part of It happens chiefly inthose parts

where the force of circulation of reaction. are diminished which are farthest from the heart of most apposed as in the es: tremities. 4. Palsy. We have several mistan. ces of this in the lecords of Physic. Theard of a Lady in New York, who during her lying in, kept for some reason one arm constantly out of bed, get at last became pulsied. Whowe grow when interise always produces a numbrues of want of sensibility, but what degree is required to produce Paloy is not easily determined. 5. Thever. Ithink Thave metwith many mistances of this, but I must leave it to you to determine with greater certainty . and I have often found to: pical affections which accompanied Severs produced by cold, not to have been primary butto have superceded.

2. The stimulant power cannot thes: ate if the cold applied be permanentito If transitory it always stimulates, I sufficiently stimousanpermanent it may produce spasm. 3. Bodies are more or less cooling according to their density of therefore a moist dir is more dense Than a dry air quill cost more. Besides moisture will adhere g'continue the application of cold for agreater longth of time. Butthe promeipal cause of the stronger effects I moisture is the cold which I have dis: covered occasioned by the evaporation of every fluid of which is greater or less au: cotoling to the degree foolatility. 4. This does not mereuse the real coldness, but increases the application of cold , of gives the vensation of cold principally by dissipating the warm Of. mosphere with which the body is surround.

Tho its effects may be in some measure ac: counted for from its encreasing the loas poration of moisture from the varface. I should have mentioned above that D. Heberden has in the Wondon trans. actions attempted to dispute of deny The fact | that moisture mireases the power of what of brings many facts in support of this opinion. This facts are Hue, but they by no means lead to his conclusions. For there is acertain state of the body which enables it to resistalls The effects of cold, of which I have seen many instances, of such astate must hade been present mull the cases the (Doctor mentions 5. Smull changes such as Two de: grees will not produce any great of. Jecto of the effects will be proportioned to the degree of change which takes place. Some persons have imagined that the

same effects will follow from the same! change of temperature muhatever funt of the Scale of heat it happens. Thusthata fall from no togo: will produce the same effects as afall from 50 to 40? There are no derect efferiments to clear up this point, but I think that. every full below 62 will be productive of much more considerable effects than a similar change above. accordingly we find that in warmchimates, the great changes of temperature take placed, the effects of edd one much mon rare than in estaclimates where the changes often fall below 620. Whatever is the change, its effects will be differ: ent according to the different digree of sensibility of mobility of constitution, for one person will be more affected. with achange of temperature 110, -Than unother by one of 20 of accordingly

what will more produce only an in: Sparm. D. Hintingham Sent in his His: Tory of the Epidemical diseases of york, afourts in the preface, that the Observa: Trong of Hippocrates, with respect to the excel of his - Heat to will hold good in Butain, as he supposes omistas changes in whatever degree they take place, wills be productive of similar effects, but this idea as you have abready our, I cannot admit of it seems to have proceeded on: turely from the false Hippocratic system which Wintingham a dopted, that Epi: demid diseases depended whom the dif. Jerent sensible qualities of the aid, I never takes ordice of the operation of Contagions which produce such als: eases gg cases out of 100.

1. Especially mithe extreme vefsels - I hope there is no necessity for my entering mito discussion here to prove that all he powers I mentioned lens to weaken The system, it will be evident upon the first view, of many mistances of each havefallen under my own Ascroation. 2 & 3. Sapart be exposed to the air, of The wiculation be shong enough, perhaps no effect will be produced, if a spasmodie construction be induced an inflammation may follow &. In many, the effects of a considerable. Thave known Women seized with a Sore throat merely from leaving of a wore. The board which they usually have been Mitted by ald & change flai:

ment than by the Sword - Pestilence of famme. Different circumstances will how: ever vary the effects of cold. I am here reminded of a cir cumstance which tends to overthrow D. Heberdens idea menti: oned above, relative to moisture. Mylasgow where a glass house is built on the edge of olivers. I have seen one of the workmen runout steaming with sweat of plunge himself into the lever without any bad Meets following, The circulation was here mereused to such a degree as toresist the operation of coldbut it will by no means be productive of this effect mevery corrumstance. 1. Vigor. Thaveften Dervid persons who were easily affected by very small vicifoitudes of Heat of letd, of thers in which quite the contrary was observed, &

The former generally were of awark and One latter of avery strong constitution. 2. Palsions. To explain the operations of the passions is anice of difficult tash, et is certain however that persons in pursuit of levenge have bore with impu: nity the effects of intense wild for whole nights of Quest ocemo to enable aperson in a similar manner to with stand it operation, for a Lover will oit underhis mishelses window author night without feeling any bad consequences. 3. Sensation. All the powers former. by mentioned enabled the body to resist the absolute power of cold, But asit often acts by its relative power, whatever di: minishes sensation, on which the power er defrends will diminish its relative (effects surhare. 4. Passions engaging close attention. We can herby detlend but to one

observation at atime, &if the mind be strongly engaged we will become misen: oible of any thing else. - There are. many instances in support of this. Amother hasbeen known while herchild was in imminent danger, to bear bold - fatigue sowith impunity I get when het child died she began immediately to feel the effects of this was then removed. mistances. Algentleman net long ago in: formed me that he was sometime before at Jea in very stormy weather, which required the atmost attention of whill in managing the vefsel, he wasmuch employed at the helm & his attention was so invetted on what he was employed about, that he took no

notice of agreet degree of dampness of cold. nes which had suddenly come on, but The moment the anchor was dropt and They were perfectly out of danger, his attention being no longer engaged, he motantly perceived very bald effects from the obtuation he was in. There have been motances like: were of mathematicians remaining whole days of nights mitent on the Solur tion of aproblem without ment - Simh or sleep with impunity. 5. Narcotics, Vesides the Simulant power bordials may likewise act in this 6. Maniais Shad avery shiking in. stance of the moensibility of municiones m The case of ayoung flist who was placed maceld damp vault on aground floor, & m'a cold season of the year, & yet never ouffered from such a situation,

Tho's he was shifted quite naked, & tho'before & after this discuse Iknew her Then affected by avery slight degree of cold.

been accustomed to it in the Country gowithout shoes of stockings without suffer: ing mithe least from the cold, the in others ouch a conduct would be production of the worst effects - This power of habit how: ever has its bounds, for we are often stight to cover the hands of face, which in an or: dinary temperature require no defence.

one instance where fear abond produced a feed.

Women who from the fught of Mats being thrown at her, was thrown into alequelar Quartan, & after it had been cured, was renewed

renewed by are petition of the accident. But I believe that in this case The this ama had been applied of that terror was only the Liting cause. entwhich for XCVIII. em let area 1. more or les favoured Hippocrates in describing the Guidemie diseases of his bounty, introduces them with an account of the state of the weather of seusons, as he imagined They always depended on the changes in the sensible qualities of the air, of this continued to be the prevailing opinion to the time of Sydenham, who, the he introduces his account of Spidemics with a history of the state of the seasons to goves afact that overturns the cited, as he found that The Gridenics of many successive yours resembled one another of continued -The same mevery senson, which rend: ers the idea of Hippocrates highly in:

probable, as very great changes in the state of the air to must have taken place during that time. He therefore supposed that some measma was pres: entwhich produced them, but once his time the old idea has been continued. I Observed it before wish respect to Winting: ham - Husham likewise proceeded on The vame principle, but himy ma Jea port Town he found that bontagions. must be productive of great effects, of meled the further our descriptions pro: ceed the more powerful are they proved. The Royal Jociety of Pasis seem to be pessessed with the same oldidea, and Their Osewations are always accompanied with a meteorological Register, but on comparing many of these I cannot dis cover any sort of consistency gumfor. onity in the different states of the weather compared with the prevailing Guidemics.

but the Sam certain that changes in The wir will not produce Epidemie dis: eases ingeneral. I know they will va: wously modify the effects of contagions. And I think that some few as Angina of others which come on at particular sou; sono of the year do depend whom changes of the air. - That they variously shotify The exects of Contagion is still more certain, Thus measles, if they come on in January thun in Summer. Dysentery has been attributed to the changes in the air, but the fact men: tioned by Dr Sind Wid Page) suffice. ently overthrows the idea.

Chap: V. of the Prognosis sucher joy of Tevers. sometimes from succes sudden XXIX canonly act on the

1. Morbid or Salutary. On this plan ho: per alfines is the most valuable of con: cise author, moomuch that Bookawel got ance edition of his works published I maded it goes agreat way of contains valuable facts , but setting aside the 06: searty, we cannot protect in this way on a scientific plan: Thave our the sole: tion of afever without any wident muchs of the effort of nature, in which all the marke of the bis morbiant immediate death were present of Thippocrates has

I The first to as lold Mechicity as Thust from the aperments of Defriestly that no organic lession internal or externi

at is observable in unimale hilledby. Electricity - another caned of this is sudden joy , which has sometimes pro: Wital principle. The modernes of death form duced by it are many Voisons which seldom produce organ. io losion, of must all only on the here ous oystem which they do by destroying their censibility of initability - Van Sweeton Jound almost the whole of a dose Johium which had proved fatal, in the stomach of the animal hilled - It cannot act on The blood of vejoch, as it destroys the orrito: bility of motion of the heart of other muscles of the body of an animal when entirely. 2. Organization - This will take place mi both opinions relative to the eyests of electricit electricity.

3. The Swand to The vital principles from duced of supported by heat of as circula: tion is cestainly the cause of heat /no matter how it produces if in the human body, it becomes necessary to the support of The vital principle. Whether it be therwise necesoury or not Ishall not determine. Shrish however that the tension fullness of the vefocts of the bourn is necessary to its proper excitement as the conculation is therefore necessary to the support of the Vital principle whatever stops the in their of the heart or respiration becomes an indi: rect cause of death. Wistent Excitements. This is anie idea of New to lo Sections, but I think it wally the fact - Loy acts by a high degree of Cito. ment which is followed by aproportionale collapse, of that such states de alternate. with cuch that is Ithing pretty clear the

contraction of a muscles which we must. look on as a degree of excitement is at: ways followed by its relaxation or collapse. y'a prequent repetition of this witement is introdes followed by a collapse, or fatigue, a similar state takes place all over the body ahigh degree of weitement, makich ces in drungennes - Doy de may befol: lowed by afatal Mapso or death. 2. organization - Boerhauve seems to have known hardly any other cause of death in fevers than destroyed organization 3. Poison The Contagion in the Mayar of Marsulles we may presume acted in this every, we have no vimilar motance in the effects of minomuta. except where they have produced death in the first Paroxy: om of alemitted fever. The common Divisions of the In: other times in Ithing improper

The Simistica is entirely left out as its go: neval doctrines will never apply of the particular Simistica Jevery discused is to be delivered in the practical lourse Vid. Introduction Page IV., Ishall not proceed to explain the deferent symptoms here laid down as they are only to be learned by private study of practice - nor shall Villustrate what I have delivered respecting the britical days of them is more matter of weriosity than real utility. no bomment: on the following Para:

Chap II. of the Method of bure in Timers \$1. of the Cure of Continued 1. Operations of nature. This has been The actual doctrine of Physic from Hippocs rates to Sydenham & that it has led to an ment officialous practice will be con: dent to every person who consulto the witings of thippocrates - Stauhl the of it has less to the rejection of the most powerful Timedies as Bush - Opium to g no person will deny the officery These with antimoniuts - wine to which are employed in fevers without consulting the operations of nature We are Ithink in the cure to take in every Remedy which experience has where to be leseful of Ithink mine is the

only reptem a hich comprehends all the various remedies which have wer been employed. CXXVII. The divisions of subdivisions be a dry study They are absolutely necessary Sollewness in science. No Comment on Par LXXVIII CXXIX. CXXX. I chief Support. Bothing is more ab: ours thunto ouppose man apresfect au: Tomaton or containing entirely the power er of motion within himself as he dep: ends principally upon external stimula, Jorif these are taken away acceptation of the Thought - motion to is induced. Boerhause tells astory of a Physician, who having taken it into his heus that Sleepwas the principed oup: port of animal life indiavoured to discover the means of fire longing it, and

succeeded offer by avoiding every extern: at impression as to prolong it to avery . great length of at faith such a degree that it absolutely branght on death. 2. News. Tydenham advises to keep patients in the beginning of Level out of bed as long as possible, but whether the exer: tion of the muscles, if we followed his advid, would not produce as much harm on the one hand as the mereuse of heaton the Med es a question 3 Relaxation - as inwarm butting which is fin attended with the best flats. 4. Motion all motion increases the ac twity, of whether Generic produces this activity from the sensation of conocious. nejo proving a stimulus I shall not detes: mine, but it is certain that wary musualat exection hastens the return of the Venous blood, which consequently stimulates The heast to quicken contractions of to award

This an houzontal portwee is the only effer: Aual means, as even sitting requires the et: ertions of many muscles. 5. Speaking - Shave Juguently seen et prove a considerable ivitation. 6. Weaker all motion requires an unus: east exection of the onergy of the brain, fif debility consists of awakness of this energy every exertion of it must prove stomusouth 7. Hercist of the mmd. The theory of this to difficult, but the fact is certain, There is not amore effectual way of induring Sleep Than by diverting the mind from Tatian of thinking. Boerhaave when he wished to make apatient elect, used to place a brafo fran near the bed side, on which he caused a drop quater to fall alongth of time, of this, by confining the mind to one Spect frequently produced the desired of: Jed. - Thave myself often trued it with

succeso. of Iknow a Rady who would not go to sleep but by the sound of the Action haves. 3 Toregular Train. Our ideas are laid up in such amanner, that when one, which has been usually followed by aparticular train of other successive Ideas whihe the mind, all the others followin the accustoms ed order, of it is on this principle that the: mony of defrend - (Delvium is the state of the mind when ideas arise man mis: herent of unconnected order, of those in genes: at prove a stronger stimulus than when ideas ause in their usual commection fratural succession - to remove these in egular hams of thought, I have often had recourse to the Apredient of opening The Windows or bring: ong mito view persons with which the Pati: ent was long acquainted, gohere objects modering the regular ham which always succeeded them have released the affection.

O. aliment Every alment proves as otimulus as the pulse is constantly-quichened after eating. appetite in the beginning of wer point sout This as proper but the precese time of continue. ing abstinence is not to be determined. , 11 aphalescent To determine this I have made 4 perments of found the Julas mou quickened in proportion to The alkalescency of the Alment. 12. Aromotie & Spirituous - Siements: er the time when it was the practice to give Jage tea in the beginning of foods, es: pecially in Ingland of Thave often seen it attended with very bad effects - Smalls Beer however may be safely allowed es: precially to those who have been used before The Mouring are addition I have

made to the antiphlogistic legimen. 1. Thirst - I have known the Armulus from this or great that it often went so feet as to prevent sleep.

2 bournested humours. Insome life: aimento made on ammalo, muhom the heroes of the stomach were cut, & the ali: ment afformed to stagnate. On sifserting the animals the contents of the stomach were mapethid state, of it is probable; that stage nation always indices such a state, to ova: ceate them therefore is a first object in hovers & besides, Tomets, as we shall soon see are inseful manother way. erally of the putrick hind. 3 Toces. along stagnation of thesewill certainly stimulate offly sters, which low: enate them will excite amotion in the storm! ach of solicit to discharge its contents, for motion excited more part of the intestmalfanal

is communicated to thewhole, One of the most effectual of these is a large bulk ofmarm water which commonly needs no. quite clear, the scrosity of the blood is without doubt constantly of an aerid noture, whe: Ther in Lever this desimony be increased is a question, Increased motion of heat, and suppressed evacuations would reem to mi duce it _ It is safest at any rate to sup: pose it is the case, of attempt to obviate it. OXXXII. 1. Stimulant, In Jevers where the great danger arises from debility, it would be in: predent to increase it, but these often com = mence with avident reaction, get is doubtful Jeves Typhus begins without some degree Sir John langle bled in the Jail Jover - Sydenham on the plugue, which

shows that some victence freation was pres: ent mohe beginning of them! 2. Other qualities. Thus armial Jord may be hertful of not only from its stimulus but As tendency to putidity to so that the am: uphlogistic legimen, Ind universally is atleast generally proper. 3. antispas modics . What I have here on my age is Opium - but it is a subject we shall consider more fully hereafter. In moderating the violence of This is not anew dochene - Dydhenham much cates it strongly, he orders us to heep our Por: teints out of bed as long as posible, but he had no videa of carrying it as far asitis at present. Thewe seeka child in the Smales pox with a high degree of fever of deliveren takenout of bed, carried mlo alarge room without afire of the Windows then whefit there quite naked till ahigh degree of

shovering came on which put as top to the Jever of delicium, of the childwas after: omgle sheet. 2 Mode of operation. The hower of cold applied isto dimmish the tempera: here of the body, does it not mereas the fever of generaling heat? In whealthy state it certainly does, git has been clearly pro: wed by Thunter on his experimento on Some anmil. In considering this circumstance perhaps new difficulties, with regard to As mode of operation will arise for in: stead of moderating fwerit should en crease it, but it certainly does moderateit on many motanees, And I magine, when it does operate successfully, it does not produce the effects mentioned of mineasing The power of generaling the heat. 3 adapted - 4 Limitations -

There are some constitutions mulich The encreased generaling power of head does net exceed the application of all , as in the debilitated to (xc) Thave known its application pushed too far in the Small pop. On the whole, more Observations are necessary to clear up the maket of establish it on Scientifice prima: ples, for itis as yet practised on quite an emperical footing 1 Ordingerants. These act chiefly by 8: minishing the power of generating heat of consequently activity of the Sanguiferous System . - The Theory of their operation may be difficult, but the fact is true, you may suppose if you will that hear de: Jundo upon an intestine motion of Particles I as all of them check formentation that They act as antogmies. 2 acids Their prower in this way

is well established. How far is its delation necesoary. Its Vitristic leid aportion of water bradded, a considerable degree of heat will be generated, of every subsequent addition will occasion an increase of heat in the mixture till acertain proportion has been added, when the thenomena will cease, I Sancy the delution of this Ried is to be care aled on this point. The Vitristie & Vegetable have been principally used - The Nitrous Ibelieve was omitted in fractice from the ideal that Aqua fortis, but Hook whom it as equally use: Jul with the vitridie, of the muriatie as in useful as either. Doerhaaves Nothum somiehide seems to owe any good qualities it peroef: oes to the presence of Nithous acid. The Degetable is preserved, because it seems to enter with the composition of our pluids, while et would appear that the others do not mit

with them, but pajo offunction ged by the various excretories - Aid of Jan - Justas Umber - Umbergues are all of the Refriger: and hand, but how far they enter into the composition of the fluids I do not de: Jension CXXXV/acter 10.14 has Newtral Salts. Those formed with the Muriatic Acid are very shong stimulants, as appears from the experiments of D. Imith-Common Salt is wremark able strong stimus

land, Jam not positive whether this is exactly the case with the Sal Sedatives of

Sal ammoniaci.

2. Tresed or natile - In making the Saline mixture I have prequently used the one as the other of found no difference in,

3 Nitre Ind from its outerior power but from its being easily disorded & fre: pared - Whistoted Sartar was much em: ployed once but haid aside from the difficulty The Saline mixture acts as a lefiger and as powerfulas Nihe. No Comment on Par. C36 C XXXVII. I Tension. long Plastie and has its dispositions to contract moreused by tensi: one of it is the same withour Nitres. 2 Sanguilerous Perhaps the Arterial system especially. There are ther evacuations, but They (an hardly be employed. Sweating cannot be excited without Aimeli, nor can Salivation - none perhaps are required to excite aflow of wine, but we can rarely excite this to any considerable de: by any means

no bomment on the following Paragraph These are cartions which Backetioners seem formerly never to have attended to. Betellus looked on Veno Section asalways safe, this practice prevailed much m France from whence Nwas transfer: red here so that it was usual to bleed in every appearance of fever.

Mr. Lientand lello no of a pure son who was bled 100 times mone year and Thave Known applyouian ofunball diguium 1. Slow Recovery. The becovery of strength after afever is always stow, but I have by nown this evacuation carris (so sofar that the patient never recovered. Len followed by anusared no Comment on Par: (XI Im)

aution to determine when to bleed of when not I event both ways.

once bretty well established, the it will not be exactly the vame in every constitution it will be pretty similar of we may judge from the reaction to of one how to breat the others.

2? Whatever we have itto, a Tail.

or Hospital or common injection we should be cautious as in all such much debility is to be expected on the contrary if the person has been 4:

poses to will we may employ Veno Section with more confidence.

3. Bleeding is more safe in Win: ter than in Summer & asimilar observation may be made with us.

4th This is almost the omyle and offe necesoary wicumstance if we could curacy.

5th The anciento hmitted the. time of Heeding to the first four days, but there is no ground for such wale, The latter however it is performed the more hazard woum - And Ishould Hinh we could not bleed with sufety after the first week it is attended with The greatest dages advantage on the Three first days. 6. It may be practised at at. most any period of life, but neither the young or the old boar itso well as the middle aged - Thave been often huzzled in attempting old men be: tween yo of go, who had all the mark of phlogestic diathesis about them. whether to bleed ormat.

Iremember to have attended a Gentleman of consequence near or years of age , who had formerly been subject to inflammatory deatheris diseases I was always weed by Heeding and who laboured at this time also under an inflammatory complaint ordered him to be laid in an hour ontal post: were of aver to be opened, but he had ocaree lost 3 vij when he fell into a deliquiim so that people of such an age will not bear blood letting well. It to the same with the young, and the male ver bear this evacuation better Than the female. of Ihnew many who were fre: quently attacked with Aneumonia and Rheum ation, of consequently wild by Consection who would bear it now better than many Shew. O. The inflummatory crust is not

always a sign of Phlogistic deatheris. I vay however that g cuses out of ten, of an inflammatory nature are attended with it. The absence of it should not however determine us against ... bleeding 9. To judge property of thise is avery great orccety - Staffer bleding -The place, which was before small, con: tracted ghard changes to asoft and full pulse, while the Pohlogistic dia: Thesis a occord bleeding will be of. Na comment on the follows Par. From the foregoing reasons Imeest declare that on the whole Vam no favourer of purging in fours With. on these 30 years De Stark, alrefefood at Metz, in his heatise de Morbe cum: petii opiis aforts it is best owned by

purging alone - Butitio apractice I cannot agree with, of as brought on larg: my chiefly by bretico they mightper hapo Have cured The disease by dater: mining to the virtace. 1. Burely inflammatory to Syden. ham advises ultimate Hood letting of purging in aheumatism, of the practice is proper onough with one exception to be hereafter mentioned. 2. bankhemata - Thas here in view the large purging used in Small pox, gas the fever is at its first forma: tion in nine out of ten of aprecely in Hammatory nature there may be some Joundation for it. 3. Mischievous consequences - I have known Jastas brete by inducing aviolent purging sinh the patient to a state of Lebitety which proved fatal.

Italk here of spasm only as it is by it alone we can judge of the morbid Imotions in fever and I what in this part use the language of Hoffman

1. antispasmodies Imustown that This gave rise to more difficulty with part of the plan of cure.

. no Comment. on Par: CLI of ctil. CIV.

1. Exhale. His avery great objection to The general doctions, that exhabition of less of weight by perspiration goes on, nay itis sometimes even enirculaid in fucio notwithstanding the spasin we suppose to be formed, But we know that a large quantity of fluids may be poured out. This derly contracted vojoch.

Mefind in Diabetas Mystericus that the write is hafoed in very consid: erable quantity, but at the same time clear of without the as wal sectionent, I'm accounting for this every person sup: poses a construction in the excretory of: set, while at the same time the quan: tity is greater than Usually. 1 Otherwise - By the ourface of the. body in bathing the feet Thave prequent: ly Aserved a considerable absorption of water of Thewe often known great quantities of water thrown wito the ances retained of absorbed. No comment on the next Part. CLVIII. 1. Week. I I I may be allowed to com jeture, when nature makes some si: milar effort - Hyou wish for aforth - account of this practice you had best

Consult the original Archain of Janish authors, but if not arguanted with these languages you will find a sufficient view fit in Chiverthi of Gene: vais notes on & muller Vol. 2. Page 556.

CLIX.

In the general practice they are rarely given in sufficient quantity to produce any considerable effects.

had no experience of the qualities of the ammoniacal salts / Vid. muizale Suk

cam.

CLXI.

1. Mersescence Double bring many of perimento to show that efferescening mix: twees almost always produce cold.

2. Tixed air Vid marbrides experiments of Dobsono commentary

No Comment: on the following Par.

CLXIII. as to the propriety of Sweating I can draw no fixed conclusion not es: to blish any thing certain, but after stating The arguments for of against, I must leave it to be determined by yourselves. 1. of This position no doubt can be entertained.

2. This is fact, I maintain in nine

cases out of ten.

3 Si John Pringle was much of This opinion, after being exposed tocontagion if he perceived any symptoms flever coming on, he immediately went to bed of excited sweating I bywhich as he of many Whert have -Shought he often phevented afwer being formed fully. ver is fully formed or while forming. 2.

2. Species - In the plaque itis the ground to follow. 1. I have myself seen many motan. ces of this, it is deommon practice among the lower day of people here - When they are first suized with The symptoms of fever to attempt raising a sweat by wine to, & out Jever have often proved more dan: gerous than there of the prevailing Spidemie where no such means were used. The ment of the re-2. - In place of giving the barry The cure of Intermettento was by its ofposers of even by Boerhause attempt. ed in This way and they have ften been changed by it to be continued. 3. Thave seen instances facutat being raised without any immediate

bad consequences, but when the means of supporting the sweat was removed The Jover returned worse than before. CLXV. 1. 42? However those practices were introduced they began with of continued this the last century in spite of the efforts of Sydenham. 3. However excited its propriety roon produces. 4. nothing is more consonant to experience than this afsertion no bonsment on the rest Par. CL XVII. Pringle of others. 2. This Sallow as amaker of fact The not ageneral one. am if the applicable to fever strictly so called. 2. Theumatism. Thoughall I have been saying against the practice ofoweating turns principally on itsmercusing the inflamm along Weath: esis, yet it is certain thattin this. most inflammatory desease it is a very useful comedy. Dishahners in heating of the aure of Pleurisies & Peripneutnongo in asmall pumphlet assures us he has cured them by sweating, but it is doubtful to me if they can be omi: far to the diseased of the vame name in this chimate. I should take them to be Re: mittents with symptoms somewhat unitar to those which attend Peripo neumonyo, especially as withis late large work on the diseases of fard line the does not ocem to orisist on the fact

so strongly as before. is the principal homedy. I would not however make much of this as so few have recovered in the plague - This however certain that come have recovered by it. 1 Ineriaca mithredate on which were formerly employed to promote ry medicines. 2. agranial rent load of bed cloaths have often proved prejudicial bring: my on anxious breathing to. They should berequelated according to the habits of the patient, but the addition at coverings should not be removed by degrees. I This I have learned from the frautitioners on the plague, no general period can be established, but us in conti nued Jevers, adouble exacerbation takes place every day at noon gevening. If prevent the noon exacerbation & not the evening it will be but of little service. The owealing should therefore be continued twelve hours at least, git will be still more occure if continued 24 hours. 4. This is an observation likewise of The writers on the plagues duving sleep, The powers of in carlation languish of the sweat is apt to cease, the viceating should Therefore be begun in the movning & have often Seen Dovers powder fail from being exhibited over night. 3. Overy practitioned knows the. mopriety of this practice Vallow atconsiderable addition of bed cloaths on The lower extremities, hot buchs to may also be applied if neupary. 6. This There leavned from Que

Chalmers of South Carolina who found it always here. 7. This would be defeating the whole hurpose of sweating with donoiderable danger, for this reason itis dangerous. to sweatin Linen, for if the person isnot very steady Mixed after the Vinen is wet it may be removed, of after it has cooled if it be again applicate the shim by some motion of the patient, it will. be attended with some danger & Jam convinced no person can sweat with safety in Finen. The should therefore wed aflamet shirt glie in Mankets. CLXIX. 1. many fractitioners have a Re: delection for formentation, que shall speak more fully of it hereafter. 2. These was the only means abso letely safe - Sage ten is very allowable, or other wear - White wine whey.

ho Comment on the following Par fed to the CLXXVI. 1 And. This reasoning on this rub. get is void of food dation, as he imagi: ned the contagion was taken into the stomach, fitis mionsistent with his opinions else where. CLXXVII. Iknow algentleman a smatter: er in Physic who generally whibited about g. V of Specae: which one pre: vented one fit of sequently word the discuse. No Comment on the follow. Par? 1. Readily. I have glen known g.i of Specac. produce full vometing whave pequently been disappointed in the exants acto only on the part to which -

they are applied others are communica: ted to the whole system, of this seems to be the case with Species of Antimony. Instrument on the next Par.

CL XXXIII

James afrested that there was some:
Thing Inercurial in it. - I have very
Iten been disappointed in its effects.
The dose is very various indifferent per:
sons of in the vame person at different
hines, half apaper within in some
produced no effect, of in others violent verniting of puriging.

There is an exucerbation very con:
otantly every evening. The same is So.
oerode in the decetion for using James & Powder the little attend:
ed to.

CI.XXXV. There is another uncertainty at: tending Jameso powder Viz That They sometimes operate in one some: times not for how or three hours. Tartar Emetir Goij are amoderate dose of sometimes vomit. if show the constitution with gift -9. 14 repeated every quarter of an hour querally vomets. q. 1/2 levery half Thour generally purges, but purging in my ofinion should be avoided mall cases - See the reasons mentioned no bomment on the follows of Par. CT XXXIX

In no instance have the disputes of physicians been more violent than on the first general introduction of Blisters into practice Malpighters

in his last will made it aforfait of inheri: tance if any of his degates ever employed Any substance whatever into: duced in small quantities into the Hood cannot affect thefluids, Lepheri: mento made externally are of no conse: quence as they are hever introduced in equal quantity into the general majo a Strangury is no proof that theyenter many quantity into the floor from a blister, for asmall quantity takenim: ternally produces the volume effect. 1. Putrio Fendency on the last Leyden Theois Shave veen this doo! Frome is held up. 1 Stimulus Shave frequently Jound that Blisters dicinet acted: erate the fulse of Thew known many

persons go about their ordinary occupa: tions when blistered. Jone frew a Dady whowentto an afrembly with one on her back, ouch ally raise the pulse. Taken of De Whyte generally found the pulse lowest next day. ac To moderate reaction small loa: cuations are of no vervie, forifimale blood letting has ever been useful. The cepletion was sudden, half a pound of Serum is agreat discharge from abhotes geven that quantity is drewn of by slowly; blistering the lower 4 hemities with devices of Revulsion is pistly laid a side. Be bomment on the next Pas. CXC.IV. This is adoctrome which will I

Minh bevery generally allowed - Its good effects in inflammatory discuses can be employed in no other manner. 1 Cholie Shave known immediate relief in this disease from thistering-The real of the disease in the Intestinal Canal, from any affection of this the abdominal muscles are often thrown on to vident convulsions which proves a consent between them - In/2)-Bysentery. The intestines are likewise affected, Formina of Geipes form apart of its Cha: racted _ In this disease likewise thist. eving has been discovered to be avery esoful remedy - This proceeds from the relaxation of the one part being by con: sent communicated to the other - I have besides in fever often Abserved a hard of contracted fuctor become after bleeding fuller of rofter.

CXCV.

mitted in every stage of fever _ In Synochers towards the The day at manifest change takes place god have generally deferred bleeding till the beginning of the vecond week.

In Tevers there are mistances of Topical in flammation more generally Than imagined; coperially in The brain, as found by Dissection. Blister: my on the head therefore is proper -Awas common formerly to thister The lower extremities, but if there is. any part which has less commer; nicution with the rest than another, it is This, besides as the circulation is there languid ablister willtuhe alonger, Finde to rise - aBlister will sperate noten hours on the back when it will

take twelve or fourteen or even lighteen on the extremities, conveniency Therefore rochiefly to be regarded in the choice of a placed for applying thoters. The back dould be proper enough only the patient generally lies on it. Awill be as effectual totay them on The breast _ no part aportes amore fa: vourable surface than the inside of the Thigh, but as in advanced fivers the urme is often paper mounsilly itmay fret giretate the part! Sinapisms have been often employ: ed in Jewiss unlushily - however theyhave been generally applied to the lower extremities. _ Blioters should be preferred as they are perhaps more useful gnet more pamful! Buthing was formerly a domes.

the remedy but is now much neglected, warm butting was introduced into Levers about fifty years ago by & Stimula CXCIX. The whole

1 administered A should be so managed as not to wet the Patiento bedelouths - aconsiderable heat may be applied, the cloaths should be wring out of boiling water pleed of liqued of the operation should be car; ried on with as little disturbunce to The patient as possible - I must. Observe however that it does not at: ways succeed, for the marks gits ouceejo Vid nest Paragraph.

Contagions do not continue toact as when at first applied, of this we have instances in the Imale

Jonies Excite the Some without -exciting theactivity or increased action of the system. haps merease the tone. In the plague, harticularly that of Marseilles the heart was bunions sully found of an unusual voze, much delated of very flacied, with regard to not so clear. No comment on the 2 hest Part. Incumoned inflammation. 2. Phlogistie diathesis. This seems to be the foundation for belous's excep: tion to the exhibition of water in the Jerst days of the disease, of the Physi:

cians who employed The Dista aquoa. no Comment on the next lar:

Thom CCCIX. have speed might here perhaps quele Hoyes Up who among other instances relates. the case of aman, who in delvium of a Jever threw himself into a mill frond of cume out restoud to his venses and soon recovered - Impoly have seen motances of Butients who broke loose mietel seasons, of after uning about in the fee air for sometime nas hed roturned per of delicium of soon gotria of all complaints - I have indeed known instances of a contrary effect, but not to trust to such vagen proofs we have the practice fully esta: Mohed in the works gutted below. no bomment on the follow Par:

1. Sauch Baturn: Is hardly eventabe

employed without the hazard of its pro: during deliterious effects. 12 Tron Chemisto have spoken of a sulphur anodynum Witrich which metal. metal. 3. Coppers. There been informed that an emment London Rachtioned often employs the vitied in fevers, the par: tecelars however have not come to my Znowledge - Imagine it acts prima:. pully by its emetie proporties. It may be useful to enquired into the nature of Percevian busy, in order, if ne: rejoity required, to discover the best out Stitute for it as dam oure it is fel quently adulterated of open not to be hus at all - Some Physicians ... would Ignow afout buch inquiries are useles, but I maintain They are

both useful of necessary, if we know not The notion of the medicine we whilet, die imposible to tell towhat partice. Tax case it is a dapted or when it is tobe withheld win the parties anoun lice XN. but mhodered His generally thought load as an antisceptio on the fluids, bist daf sent the contrary. In the London Hos: pitals From hollong ago the practice to give it mintermittents, alwayedose immediately before the fit he queen My prevented it Dr. Alton found adose remain light days in the stomach of a Patient of then he rejected it by Dom: thing inchanged. I Shard myself known muniging stances of assimilar mature. If there: fore it produce its effects so soon and remain so long in the stomach un: changed . It chief operation is surely

on the nerves of the stomach of Jwould venture to afout that The greatest num: ber of medicines ad in the vamemanned letter by his powder, be 1. Gangrene The Justis nowwell known, the when first introduced about so years ago it could hardly be credited of News tooked whom asa very my sterious hower, but in every gangiene, or whereever aparted tains is communicated to any part of the system flaccidity of whility prevails, of nature, to were the disease raises on The verge of the infected partan inflams mation by which the pertied may isve! paratele from the body , quherecour bank proves icure itis preciody in the same manner, it obviates the placedity of Go of tone which prevail of apoloto nature inraising the Inflamma: tion.

Phlogistic diathesis. I Tames fairly acknowledged that fevers could not belus red completely by his powder, but after he had a turned a sufficient remission by the use of his Powders he then throws in the back of obtained of in al cure Iwould recommend it to you to suspect in the be: ginning of every fever a Phlogistic diathers esis, has I mindgine it is a knowl a house present.

CCXVI

here to say how inefectual every him:

otreum is. The infusion is preferable

to the decoction, but it is a lways weak of

never found the Iz effectivel.

2 Quantity Tharbly ever knew the

prasoxyo mos an intermettent prevented

under 3 vi of bash. It is vomew hart

under 3 vi of bash. It is vomew hart

underly that otomachs will not bear

such doses. We are told that the led back will firs: duce similar effects in smaller closes, but I have had no experience, I cannot determine asto its efficacy. be opinion ccxvII. 1. Increase the tone. as the tone of a muche defends upon the vigous of inher. ent powers of this on the energy of the brain, os as un mercused action of the refocts, as enerea sing. This energy maygive additional low - Jonies however mercase the tond without encreasing The action of the vefoch in amanner we do not understand 2. Stimulanto Eperined has pro: ved that the alexipharmic practice which was very frequent at the begin ming of the last bentung was very per. nedious of Thave no doubt that in the beginning of fever stimulanto must

be her flut. CCXVIII. innergounger days the contrary viva of Serpentaria were much employ: ed as stimulants, but impreford with The opinion of Boerhaave of Syden: ham Inever employed them gounnel Therefore judge concerning their ments, but all such may Ithink be ouperceded CCXIX He commonly begin with small portions of mirease them, butitis of little ase untejo guien in large quan: tities, when we are determined to 4 hib: it it, let it not be in hiffling doses . - I have known uncommon quantities as Jour- Juse or Six bottles in the 24 hours queneith seeming advantage. No bomment on the follows Para: grapho

2. The only means we have thought Jane impreghating The air with antes cep: tic vapours, as these arising from boils mg vinegal, they may be useful, but are not I think the most effectual, as even in boiling heat Vinegar does not rise peely. Sum persuaded we mayob: tuin avapour more diffusible spow: eful Who Thave never tried the experi ment) by pouring betriche aid on com: monsalt by which means the muriated Reid is quiltly diffused thro the loom, when taken in large quantities on to the lungs these vapours are to be sure at: tended with bad consequences.

nego are in Summer always closed up ways be taken away, as the principal Ventilation of the loom is from the doors

of windows this' The chinney. Change of bed cloathes to These need nd be warmed inchanging, of Iwould afort that evenin a full sweat they may be changed with safety, if dry of merely not cold. 4. People generally neglect tole: move the wine, butilio averywong practice, The foces should be especially removed in Dysentery 5. Many are of opinion that animal buth may be given in Jevers & itis es: pecially the practice in pance, butil Day they are scarce ever allowable in apertica state of the body. If however they are 4 hibited they should be corrected by heid juices, as Those orange of Semon. 1. There is a putice may wnotantly present in the intestines of they are there:

for the parts which somed pertify af ter death - Inhealth the puthoscent matters are usually carried of by Bess: privation flevine midiscuse Therefore They will be the most proper outlets. CCXXV. antioceptic. Idoubt of many of these can be introduced in sufficient quanti: ties into the blood to begany vervice. There is one generally neglected. which has been proved apowerful antis: ceptie, Imean Camphor. Idont doubt but it may prove useful. The I have heed it without much success - Areffects however have not been sufficiently 4: no formment on the following Par?

5 2d James our Of the Cure of Intermittento. You would do well to compare -These lists of remedies with those men: twoned by De Haen . Ratio. Med. 18.3. of those by Wind at the end of his treat lod on fevers & infections. 1. Leternal as Warm buthing Ville de Huen) Rubefaciento- Merio oils - Sinapisms Thave known and application of the tothe termittent. Blisters when applied sous that their stimulating effects may take place immediately at the period ofacception. have been employed. Exercise - Thave prown aperson prevent the acception of aparoxyom

by mounting a horse of galloping very hard immediately before its approach I there are motunees in physic of the having cured a Quartan. Internal - as aromatico - Pep: per much with brandy do. 2. Some of the above may be em: ployed so us to produce sweat, but there are others which have been em ployed. as an addition of bed cloather warm downh - Newtral Salts Jahich The most repertable is Sal ammoniacus which taken to the quantity of 51 or 34 dejudiced in afroper liquid, if the bo: dy be hept tollerably warm produced acopious flong continued sweat, gif This be begun before the period of accept own , will often prevent the formation of the puropy om Oide Mys. Sal am: moneae) Ther heutrals have also been employed as the Sul digestions Sylvis, of Boerhauce who was always averse to The Perevian back, gwes in his Mat: Med. a medicine under the prompous title of antipyretiam rarofall. salts. 3. These has been considered before of the blue lities has been employed in 1. These have been employed since The first arce of medicine, about the bes ginning of this bentury Gulls became no energlashionalles remedy of the acu: demy of Sciences appointed one of Their members to enquire into their successo m. Poupart. The Journa they Juguently over cecaro But often Juster Wide their memoirs 1706) Thave my self hied. Them with neces to.

2. Gentian - Chamomete flowers to before the introduction of the bash to They were much employed especially by Oliveviers_ and Dritain apello they are as howerful as the bush, in this he has yone too fas, the they are doubtefor very exceluent, of they would be oftener prescribed only it is necessary to exhibit Them in suchquantities as to prove -3. Theselveems to be the principal myredients mithe bark. In Germany where they are often not well supplied a composind of Gentiand Tormentil is by some substituted for it. when the back Jurges The Liquid Sundanum should be exhibited withit. Jamous among the valgar composed of aling outmey. 5 Chalybeate See & Linds Catalo:

que - The Stablians, from their aversi: on to all powerful remedies avoided the Periman back, I generally employ: The brocus antimonialis Stabli which is no other than apreparation of This metal - Blue Phisthus beenem: ployed as atonie - Asenie has been projessed by Baron Storch . - I have had no of privience git, but with dileterious effects remained evenafter never be run " and and of late Mons! The Theriaca_ academy of Sciences undertakes to prove that Opium taken before the time of acception often preventail. many hialo of its power were made by my late bolleague DiGregory on this way of it was often attended with ma:

nifest advantages. - This may be said To proceed from its stimulant power but I think itis owing to its sedative one and I may the itacks as in other spas modie diseases Horror. It prequently prevent many spas moder affections of often defers the Acception of wharosyom. auordingly Jarious charms have been employed; among ther medicines which act in this way may be mentioned Triders, which Ithink act only by the houror they occusion, for when given with. out the patients knowledge, I always found them production of no effects, as The medicines mentioned in their para: graphaet as tonics, Jusur have shews that along does infact exist; what: everous Pheoretical opinion maybe I think the truth fairly proved from clearer demonskation cante given.

CCXXXII. 1 Phlogistic diathesis frequently fre: vails in the Vernal of autumnal Inter: mettento - Congestions especially in the liver of Spleen. They are discoverable by hardness of tumos in the hypochondriae regions. Sydenham thought the back should not be exhibited till several Deven purotyons befast, y otwasung versally Imay say the practice out to exhibit it till the disease had continued for sometime, but there is not the small lest foundation for such an idea. 3. In the Remettent Jever of Ben: gal the Second of third paroxyom is ge! merally fatal of the peruvian bark's immediately employed. Wide Philosoph. transactions of winds 4. I afrett This The proper Prac: tice, of it is founded on this that the of: Jeets of percevian back are transitory in

The quartan there are Lo hour of Internif: vion, of Jalways found it most successo: Just when exhibited on the 2. day. Tertians generally corne on at midday of it is much the best method to exhibit the bark on the morning and Josenson of the day on which the fit is of peeted to propose we stop If it comes on early in the morning A should be given on the afternoon of the preceeding day - But Thave found it sometimes needsary to wake persons out of their sleep to exhibit the bash. m such cases near the period of accept sion 3x are generally necessary to stop the fit of a testian git should be given in 3i doses. 5 If a fortnight has escaped without the appearance of a Parofe epom, we may conclude the disease is

In aguish Countries, The the Pa: roxyoms are stopped two or three times They frequently return - Practitioners generally persist in thibiting the banks but the patient shoulding possible bere: moved to some other situation, This however is not always prueticable - of not after the puroxyoms are stopped we should continue the bark at the op: pected period, but in smaller doses, of we may afterwards let aperiod or how Jujo of then give the back in fulls doses.

ccXXXIII.

1. Det Thomson of montrose has
two papers on this subject on the Medical Sprays - They are asseful at any time
of the deld stage but most toward the Com.
2. This practice was first introv
duced by Distynd of Haglas - I have no
experience of it - How do spiales in such

five of consequently antispasmodie power. But neither of these Practices first of Seconde are so succepful no the Bash.

CCXXXIV.

Some practitioners have recommend. ed not to have exhibited any medicines invernal Intermittents, as say they from the diathesis Phlog. present The disease will cur itself, but this is certainly wrong, The Biathesis antiphlogistic regimen. Congestions - His aquestion whether they should prevent the exhi: bition of the back. but as when the back is given time enough no com gestions take place, gas these conges: tions are always enewased by every paroxyom . I think they should not

prevent us from 4 hobiting it. The caution was principally introduced out of a com: A Puisance to Hoerhaaves followers whose Practice was not perfectly exploded when this was wrote. Of the then where I higher mation Inversed reducts alone will not an inthonal inflammation may of Inflammation

of Inflammation

of Inflammation in General

SI.

Of the Phenomena of Inflammation

CCXXXV.

Increased redness alone will not

it is the Man Man for the -

Increased redness above will not constitute inflammation. How for the - head of the part exceeds that of the body at the time has not been determined . The more cometimes not considerable.

CCXXXVI

an niternal inflammation mayexist without all these symptoms of we are to suspect it from the fixed prain as others are generally moveable in some measure.

Junctions associatent in Praumo: nia-Gastrites 40.

CCXXXVII.

Such pains & pyrexia soldon occur without our employing Venofee: tion of we are to judge from the appear: ance of the Hood joined with other symp: toms, for a separation of the gluten istay take place without any inflammation. Italmost always takes place in the -Good drawn from pregnant women as I hall more fully consider just now, of yet we can't conclude from this than an mflammation is present. - In this ch! mate There almost always observed it on the case of the blood drawn during the winter season tho'not the smallest in: flammatory appearance was present-I Iremember in my younger days it was very customary for the generality of per: The toget themselves bled once digear when I have Juquently Aserved this appearance without any Mer much

of inflammation. Circumstances I cannot but disence here the slow progress of medical know: ledge - Thèse circumstances were never noticed before Di Sydenhum, notwith: standing they prevently prevent the reparation of the gluten, necessary to form the inflam matory crust. They are chiefly the Mowing of the blood, motead of pouring into the cup atone jet fall back on the arm and truthes down, an inflummatory crust will not appear more case of too. If the blood be constantly storied withe vefret no crust will be formed If the received into a cool shallow export twill generally prevent its up: peurance of there was ther circum stances I the vefoch not ascertained which produce some effect no Comment onnex! Par.

SII of the Proximate Cause of Inflammations. The Practice of inflammation is well established the Jour the theory is embariafoed with some doubts ghiff: culties and answer 1. Phenomena. as The reances which all agree arises from a greater quantity of red globules on the veloch which must be owing to their mireused action. Heat. This is intimately connected with The motion of the blood from whatever immediate cause it proceeds of therefore sofar as it is local timurks an increased part. of pain in bome inditation of the news, a physiologists have been purplisto ac:

count for pain in me ensible membranes to- Haller has proved a demonstration that the pleura, the real of pain in preumonia is inscroible, of they. have attempted to account for it by vay: my, that during disease parts intensible Defois Occome vensible. But the explana! tion will not answer. I maintain that the arteries as being muscular must be sensible git is The distension of their affections of these which occusion pain - In proof of which we may Aserve that the increase of shoots my of the pains corresponds with the pulsa: tion of the artery. Iwas once much hiable to tooth ach attended with violent shooting pain on every purbation, of Sound on presoning The artery which supplies the teeth 19 coulably stopping the pubation remove The shooting pain - all these circumstan

ces with their ioneur in showing that There is an increased impaties of blood in the vefoels of the influmed part. Sumon. This arises either from an mereased quantity of blood in the vefoch, or from an effection, both which bre -marks of an mereased impetus. notomment on next Par. CCXIII. May my Initium Sapientia est Stultitiam Jugere. Beforewe proceed to the investigation of Cause, we should getted of former breo. neous opinions - The system of Boets have is exceedingly beautiful of the prim: ciple were true, but as these are crone: ous the whole must fall. 1 Constituent part. Mis surprizing how long we were in discovering this -Gaubius seems to be the first who made 1 it known - Its nature however was first shorty pointed out in a Difeerta:

tion written here by D'But De Junquin whose experiments Idirected. I have vien a late ingenious deficitation tending to prove that the gluten exists ingreated quantity in the blood minflammatory discuses, but I shall endeasour to show it is really less in quantity and more disoloed. 2. Preternatural, either in quantity. one particularly of nicely to be attended to injudying of the state of the blood, as they materially alter its consistence of appearance. 3. This argument is not avery strong one as drawn from the very fatherious principle of afinal cause. on this head I am particularly Migeato The late Mr. Hewson Wede his experimente)

The circumstances mentioned above like wise which prevent the formation of the size are aproof that it depends on an mereased fluidity of the blood gaslower coagulation of it for they are all such as tend to husten the Evagulation. 6. Retrograde of all this proved by microsopical Aservations. Arron loci - We saw it Ithink on the surface of the body as in the adnata of The eye where the versus vefsels admit The red globules in Spthatmia, besides we find red globules pajoring of by the occuetions without any suptane which is an error loci . I dellow therefore, con: Trany to the opinion of Haller, that an error loci doco happen butnet thatitis The true cause of inflummation. 7. Huller was the first who raised this doubt as mhis mirroscopical observa: tions he Observed very great obstructions take place without any inflummation -Hevas imagined first by Bellius that an Destruction in one defectwould throw agreated quantity of stood into the night bouring, of induce inflammation in Them I in this idea he was followed by Boerhause But Mr. Januages hus pro: ved it to be afalse one of Waller Kedup many vefocts without inducing in flund mation no Conincent on the Enext Part. CXLIV. 1 Stimulus. Distension in the nature Low muscle. 2 Spasm - Wefrid these millumma: tions by much the most request Jany which attack the parts of the body where a distension of vefselo of opasmo from cold most readily concur, as Theumai tion - Granche & Preumonia. The

Jirst is generally produced by cold ap: plied to the body when warm. In bynanche there is a determined tion from external parts of the head and nech to miternal fauces to which the cold air is applied during respiration. In preumonia there is adetermi: nation from the surface to the lungs to which the coldair is likewise applied. no Comment on the 2next Par? 1.6 ommunicated as in procumonia which is frequently attended with Gynan: che - Hippatilles - Whrenitis Up. 2 Rigid Citres - This is and servation

as old as Hippocrates

3 Karonels. When the artery shikes

the finger as if it was as this cord.

Whow traction Thave no doubt that

in the Diathesis Phlog: The diameter of

the arteries is absolutely diminished.

It has been supposed that such a deather sis consisted in acertain state of the fluids, as all causes of inflammation body. The moving fibres of the 5. Subsist. I have no doubt that in cold veasons, Men of arigid filre are always under a diathesis Phlog: 99 gaveyou aproof of it before in speaking The winter ocason. 6. arise from to Thave veen a general deuthesis Phlog. with hard purlow - Sizy blood by arise from at topical burn no comment on the snext Part. John joints. 2 Exerction We have several in

Stances of this in preumoneu, an increased exerction from the bronchia or expectora: tion in the ordinary solution of the diseuse of its effects are to be thus explained. 3. Commution This enough to vay that if inflummations are tesolved by Vone section , g is this is the case we will easily understand how aspentane: ous Heeding will be of service. Thus Guistaxio relieves Phrenetis of sheaks of blood in the matter expects: rated is a good symptom in Pneumonia. CCL. Pus. - The reasoning here is very clear of the doctime had amost specious afi pearance but it has platebeen over: turned by a Dutch Physician Brug = mans in awork entitled Parigenta It should be Ithink alejoon to young-Physiologists not to be too confident in These Spinions Old as Jam itisalesson

tome . He found by Chemical hials that The matter which to Mr. Gaber appeared to be purs is really not - He acknowled: ges that effusion produces it but it is not any fusion of fune verum, it is a liquor of apeculias nature secreted by the vefoch of the part. - He veems very intent onoverturning former ops: nions gestablishing newones, and makes use indeed of some weath reuson: ing - He has overturned likewise The opinion of De Haen that Pus was generated in the vefocto - an opinion always opposed. The has honoured me with a copy of his work, but it has not yet made its way mito our shops - But allowing his opinions to be just they will not disturb our after reasoning, of we shall therefore proceed to the farther consideration four subject.

COLI. 1 Shivering These are generally looked on as the mucho of absorption, but I consider themmerely as marks of the Vis medicahip natura (Wide Gabiers) no Comment on the 4 follows I Par? 1 Red Globules. Gaber Assewed this m his experimento 2 Excitement - This athony de: prending on my particular system hence we find it follows inflammations The most deute of most violent quithout any suspicion of apartied forment. I This cause Ibelieve is likewise frequently combined with an effection fred glibales. a 4! bouse of Gangiene Tho'not combined with aninglamin ation may be whatever directly destroys the tone of the part as Pally Intonse bola produce inflammation. no Comment on next Par. my departer CCT VIII was who deed 1 Schimus. Ithink fluids downwith an usual force into small ofsels may concreto, of itis to this cause I think The Specity isowing, butilis a rare occurrence second in the all 2 Stagnation. The several occutions of the body are very little aftered by the deferent velocity of the circulating maps. except that of lowent, unless particular initation be applied to the secretary organ - Sevetions Pherefore depends on the particular action of therefords of The part, of these are to be considered in treating of Schirus. So far have the schools gone in consi: deving the terminations of inflammations CCTOTS.

but it surprising they proceeded no further, That the offresion Is peak of here is afrequent termination is evident from many diferentions of persons who died Rabouring under Preumonia muhom some fart of the lungo had an afi = Juarance similar to that of Liver you many occasions akind of Ecchymosis has been observed in the abdominus viscera after inflammation CCLX. As in thistering, The pour of thefu: tile are in my opinion exceedingly om all, of I may me the matter both of perspiration of sweat always parts it mastate of vapour - This termination is very common in byoipelas. CCIXI. 1 Exudation This Ascruation has only been made in the present age -I Hunter has claimed it as a des covery

but alittle attention to Hallers of Mor: gagnis dissections will show it as a frequentione In amountain 2 Hydrothorax - Sauvages mem tions the percipieumonia - Hydro: thoracica - I have had occusion to men. tion it in my own practice In prigiden of the latter one Do Comment: on the following Part Cryospelas you find it manting by all deathors among the handremate the name be applied bothly copies

Chap. II. Of Cutaneous Inflammations. CCL XXIV. Two hinds. Buerhause hus made out four. Erysipelas - Phlegmon - Adema of Schoones - But this last is, attended with inflammation of the nature of an Idema, The pigidem of caliders, The latter was said to wishehen un inflummation supervened but this is only un by: orpelus oursing from Odernal. Enjoypelas you find it onentroned by all duthors among the hanthemala who havetruted of Nosology, but if The name be applied off to cutanes ous of Tystemated affections as it has confusion. CCLXXV. Sent of hyorpelas to Bowhaus hus

made Phleymong by thema differ in The different size of the vefoch they. affect, grays at Alegmond is scated in the extremity of thered arteries while an Eny thema is seated in the nest veries or The first scrows arteries, but there is no Joundation for this idea - Journal see how inflummation could subsidinthe 4 herne vojocho without uffecting the continuous verous ones of therelisno proof either from reason or anatomy. Schaon for Idan not sugness, for these very vefoch oum to generate pur in the Stell - Amall Por to CCIXXVI.

and therefore formerwriters who have spoken of the Engripelas, Pulnonum I I the abdominal orscera hadvery false edeas of the nature of the discard for. These Viscera are covered either with the Peritoneum or Plearas

Of Op that mia Gentlem CCI XXVIII. This inflummation cannot be wheat. ly culled atunesus, butitis more firo: perty placed here than either among the Visieral or articular. Two kinds The most regular Physi: crans have made out eight of ten dif. Jerent species of of thatmia, of the Occur lists have multiplied them to an ama. znig extent I Iknow one who gave out alest, exhibited 300 different species of diseases offering this organ, butin my opinion inflammation is to be divided. who the two species have mentioned. CCLXXIX. Vejoels. on Inspection long adnata will be found full forey mall of selo, but there appears likewise to brager

neration du poelo. 2 Morgagni, mentionother case of algentleman whose eye was amazingly inflamed from afles stiking against it, notworthstanding every effort of The Physician the inflammation con: Amued for a considerable hime till apriced of the flyo wing was accidentally discoursed acknowing to the bull of the eye on the removely which it voonwas Smoke particularly of Pent glood. Vapours. ausing from Chemical. mixtures should be particularly quarded against. 3. His amazing what ahigh de: gree of vensibility the letina in some cases acquires that the patients eyes were covered close of he placed mabed with the custams drawn . That prous

the smallest sheam of light admitted Thro The window shutters produce the most disagreeable sensations. 4. As in brewing of Dyning houses meturish. is which proceeds from the motions exerted by The musile of the eye in fixing et on the small Spect - Honce those who are under the needsty of doing to should begin early with magnifying glaf: ses, which release this ned pay barton. 6 all Intoxication ocemetorendes The motion of the blood wither of scho of The head much slower afterwoods. 7. One eyo may be affected from oym: Trushy with the other - Hence the one only be influmed the other should be covered when it is needeary in the Inflamed or. As in Scrophela - Ques to.

9. The stopping of the menses - Ho: morrhoids of have been known toocca. vion of thatinea nay in some sun holding down the head will produced it sometimes was the Than 10 Wide WhyH) Jones Knewalady whowas affected withadisorder in her stomuch which disappeared, but was soon succeeded by of the hour, upon this being removed the stomach complaints again uturned gin this manner they continued mornially to alternate one with the other for a con: orderable longth of time. Sualso morgagnie who mentions assimilar alternation with the Gout in the extremities. It this discused ever Spicemis! Idarend ony posi: tively, but I think I have seen it so in two linstances, They were both however in my younger days when I was not per:

hape perfectly able to judge. Hiscertain that many feetan uneusy sensation in their eyes from dooking at those of any thes person mastate of inflammation I have my: ocy aprinced it no Comment on the following Par. continue CCL XXXII, the to be refer 1. Number of Seeches abarge number hould be applied, two or Three are gno service - They should not be ap: pleed to the under lyelia, for there is a considerable quantity of cellular mem: brane situated in that hast so that the blood is liable to be infused into it. I have known cases of such effusion more hous Vesome than the original disease. Cupping Leeches are very houbles some of buffing will answer every pur: pose - one colf of the glass should bepla: ced by on eggomatic process bywhich a

hollow isless for the Wood to pass; for when placed higher up its edges preforing on the bonco often seevent intielly that how of. The Bood to the scarification. 3 butting the vefocts of the adnota. This is almost the only comedy in a beginning spacity of the bornea, the loa: from day today. Threes Ine Gentleman wired by it of avery great specity, gitwas Whyed to Be repeated every day for amonth. no Comment on the next Par. CCL XXXIV. Determination of fluido. In my younged years Iwas much houbled with of that: mia of was prevailed on to take onell asa. preventative This soon produced an in: creased evacuation from my nose y my opthalmia was removed, Some years afterwards particulas reasons moderced

me to leave of lating mul, The warestion hom my note somewood of the of that min soonleturned Juns therefore needs: ated to have recourse to my snuff boxagain, on the evacuation being again restored, The discuse soon dis appeared of I have remarried perfectly fee of itsmee notomment on nest Par. CCI XXXVI 1 Increase the heat all poultices-Cutaplusmo to are to be avoided. 2 Coldwater The head or face should be immersed mit, of the eyes then ofen. 3 astringent. Various metallie. salts have been employed, that most musers the white Vitril, other prepa: rations of Line have been employed as Dap: Calamin. Julia to but onwer lound them of any service. of the prepa: rations of Sud the Jach. Saturne is the best, we may begin with a dilute

solution as gift to 31 quater & mercase it to g. v in 31 - alum abois agood api plication, addution of tispreferable to The alum and as this lust retains the heal of the lye. Camphor is frequently introduced. mto Whyriums, it may be useful as an antispasmodic, which Ithink itis, and specifically suited to inflammatory-When ever head ach is combined with of thatmia topical application of opium are useful to the eye - Temples to but -They must be used with courtion for Which Thave seen them aggravate the mflammation . Chap.

Chap. VI of Pneumonia CCXXXIV. Adapted A. C. Comprehend. Hoffman was the first who proposes this no Comment on next Par. ccc XXXVI. 1. Trequent. The only authority Thave - for this are D.OC onnels of book in his de. screations practice apleghorn on the diseases of Minoria. Inever Arenerd it myself. In the ajok, then a 2. Before the pain to This seemotabe aving to the constitution on the vefochduring the edd stage, whereby the. Mood is prevented from entering into Them, but when the hot stuge liones on the blood is propelled this them with mireused force of pain produced. 3. Head. This has been marked as denoting especially pleurisy, but it

also occurs in perspreumong. You are perhaps outprized . 9 mention both a prequent of a quick Pelow but adistruction has been drawn between them afrequent Pulse 10: en time. A Quick pulse, the quickness of the stroke ilvery, gy the pulse be under 100 Scureusly distinguish between aguish of slow beat - And the carys to talk of apulse with a josh, this is the no Comment on next Par: CCC XXXVIII. 1 Cough. Thisis no proof Jany le: umony present for Nis Sometimes quite dry, but a cough is not likely to continue long without producing mi g cases out of teht.

But the dis time hons drawn from The discuse being dry of himid from The colour of the expectoration. In Blood This is generally ion: videred as a Salutary symptom, Tit. I Practitionens should become no Comment on the following Part. Bochaave retained accurious opinion relative to the nature of Preumonies Inflammation The sup. posed it differed according a sit affect: ed the arteria pulmonalis or Bron: chialis - But no symptom of Phenom: ena has been dis worred which can distinguish the one from the other. Aur do Ithink any inflammation can exist more separate from the other. They accompany each Mes closely, of there is the greatest reason to believe

that their extremities and stomospely classe thewar into great uncertains to certative to the show of this eavoning 1. Dialshragm Pid morgagnis. 2. Delinium - It often attends cony species of Preumonie inflummation. no Comment on the following Par. Jam thrown into greatuneer tainty relative to the whole of this wasoning experiments Abergmans no Comment on the Inext Par? current to CCCLI and the timesto 16 dours. Thave been atquest pains to mark the different wours of expectoration of canapoent it never af. Jorded me any sure prognosis.
2. Obtaisepain - This has not been sufficiently attended to by Prac; to tioners who generally neglect bleeding when the pamis only obtase the dttended with difficielt breathing which often renders The discuse fatel. For the Chowing Par I must refer on them. __ He patitio 1 Vena Portarum . Lo Boerhaaver omagined. Evidence There cannot be from stick examination connection of the han: this of the two - Inflummation proceed: my from an encreased action of vefocto, it cannot take place until The Venator: turum can act as an artery, ou hether et does or not. I believe its couts are si milar to any other large vein, but allows my it to pajoes amusudar wat Safoest it cannot last as such because there is no systole of Diastole many part of it

of such is onecessary to the action even of Arteries . Han artery beforfied inany part ofit or pulsation or action can befelt beyond the opipied part, this however is amatter of no consequence m practice. The particle XVIII. 1 Taundice - For this I sayrever occurs frominterrupted secretion, but always from interrupted excretion .-Dannelie however is rarely combined with Hepatities Ineversausit wing never cece XX. simplifyed no These Observations Thave taken from Practical writers for Inever saw any such evacuations myself attendant. on the resolution of the discuse, Imake no doubt however such have occurred. 1 Expectoration Shave no doubt it may contribute to it as well as any ther evacuation from uneighbouring part.

The authority of others. holo ccccxx. Discharges. There myself seen in: Tunces of the Pus being discharged outwardly of coughed up thro the lungo I the putient record Motorcece XXII. Mercurials Sounnel perceise any Theory for, or any propriety wither com: plogment of them. But Jam not able to enter into the discussion of their monito having never our them employed nor never been in those warm chimates -where the disease muhich they are em: played principally occurs CCC XXIII. Adel pide. avery dis triquishing much between Repatition & Pleanition

Chap. XI. Of Nejohritis hobomment on the 2 next Part cece XXVI. 1 Pyresia. Yet Ibelieve Thewe met tended withit 2 Motion. Imust own this is not avery good distinguishing symptom onatory affection is most frequently communicated to the muscles 3 Testicle This does not so constantly attend the Rephritis as cures of Certauli: 4. Numberly to It most constantly attends both Culculus & Nephritis than Mouring manner. I Mowing manner. Two large newes come out fromthe spiral marrow of enter into the sub:

stance of the Poocs murcle onwhich. The hidness are mainbent, from Thone they descend & form agreat part of the brund newe how when These muscles are swelled of fromm. flummation they compreto these nerves & thees anumb nejo is fire-16 holic pains These arise from The contiguity of the Colon of hearups. Comiting from asympathy be: tween the hidneys & stomach, but which cannot be accounted for from any connection of nerves. believe to coccess. 1.6 lysters nothing more necessary either in hephritis bebalculus. 2. Demulcents I consider them as merely acting by delution of thus dis ministing The airimony of the Urine. 343 listers Idoubt however ifwe

neid abstam from them entirely for I would venture to afourt that on 99cases out of 100 if the blister bend conti: nued longer than eight hours no stran: gury will be produced & in general eight hours are sufficient to raise a This tes, of beordes a good quantity of diluting liquos manbe employed. But may wend employ mustan of Danun whee for the purpose of blistes: my mouch cases we certainly may of Iwould employ them inany case of Nephritis Mat occurred to ine May as their exects are more permanent. Ibelies They and in some cases more Guacious Than ban thavides in

Cocclet.

of Perceia which womes on in the evening, ahmid of evening exceeds ation, or to the heat of the bed, I was in doubt whether I should not have inverted here change of the weather I mean from what theat, the disease being affected by changes heat to cold marking the Chronice.

Meeforts of the Physicians than the exects of thems which Ibelieve has proceeded from their not being considered in this light.

cecchiv.

Myshilis, Such pam's attack the medale of the bones, Phumatism the point of the bones white the time sint some will some will

hosepraced distinguish the scurry from it. souls thou light 1. bause which is generally cold of which cannot induce an devinony. m the fluids. 2. Symptoms, which are common to Ther Phlymavia 3. Cure which is generally affected by blood letting, by which I canned hef. octly suppose that any acrimony dif used this the general map offlices canbe collected govacuated. Le Suppuration This is what De Staen calls the morbus Coyarius. 5. End in Suppouration Baron Storch has mentioned motances of suppura: tion after Theumation of veems to com order them as pretty prequent but I have never met with any, nor have any of my Colleagues.

CCCOLVIII. verywell, for Theumatic pams more frequently attach the shouldes than The Elbow or knee, the the former is much better covered than the latter, after you have read it It It) him y and agree without the the many to were tacket of it hims entirely infronthe 3. alway , The falled in mine · 4. Phesiony - aprintinger which the wanged of the western -

Book III. Chap. I. Exanthemata Small Pox. 1 Prognosis. There is no author has taken more jums apon the prognosis of Small Por than Van Swieton, but after you have read it - Ibelieve you will agree with me that it may be cur: tailed of it turns entirely upon the two propositions here laid down. 2. Futiescency Thave seen very distinct Small Por attended with Petechia. cases out often. 4. Putrescency - report the discussed principally depends.

DXCIV.

4 Veriod. which in the Confluent is

on the 3th day in the distinct it is often de: layed till the fourth. 2 State of the matter - which in the Distruct becomes aperfect pus. In the Confluent athin Ichor. 3 Lever - which in the distinct as bates on the third of entirely disappears on the 5th or 6th day, but in the other is attended on the third day wishan Has cerbations. Circumstances Ishall soon have occusion to show how much the manner of life of the Patient & contribute tovary the nature of the descuse. DXCVII. There is a furious proof that a much greater proportion four fluids is afrimilated to the variolous nature than appears in the Pusteles. In apractice prequently employed

mithe East Indies as soon as the Pustules are fully formed they open them & a con: . orderable quantity of matter is dischar: god - The pustales by this collapse, but soon recover their former state of size, of the operation being swered times repeat: 10 awast quantity is in this way dis Churged that he children 1 Reated. Sir George Baker has

communicated a fact in proof of this aperson who had received the con: tagion of Small por being seized with a chillings de laid himself down be: fore agreatfore, y'as the farefrast of his body was opposite to the fire it was cov. ered allower with pustules, while hardly any could be seen on the bout part of his body which was hept cod. Thew been told likewise of a Bluck smith whosebed was placed next

awall which divided his sleeping ap: artment from his farnace, finding himself seized with ligors & He placed his back nex the warmwall the follow. my day this part of his body was coo: ered with pustules while none appoint: ed any where else - There besides often observed that when children lay with one cheek leaning against the hurses breach that side of the face contained a much quater number of pustules -1- Scrophula On the contrary Those grown a cuse where both diseases were

Inown a case where both diseases were grown a case where both diseases were rendered more mike than asual by as.

Serophulous person being inoculated.

2. Diseases of the skin - Three afamily, one of whom was affected with a peculiar ocurry eruption on the skin on the skin of his parents fearing some bad consess

quences if the small profesus conjoined with this affection sent him out of the way when all their other children were moculated - When he arrived however at an age when it was proper to send him mto the world, dreading the consequent ces of leceiving it maturally they consult. ed unother tohyvician of myself toknow Mit were saft to have him moulated, Thinking his chance was better - Itwas agreed thathe should undergo-That speration, after premising afewwarm buthings which cleared his ofin The matter was inserted but the truption returned before the pustales appeared. The Small Pox however was of the most Javourable kind of the Emphon has appeared to grow better everyday smen 3. Febrile Inchildren more die posed to baturhas affections Ithinky have observed the Small pox more un:

Javourable thanindhers. Inoculation hould not be per: formed on a child labouring, under Chriscough asitis often fatul, yet I have had myselfan mistance to the contrary more ofing own children to whom the orifection was communicated by No nurse . The child however recover: ed , gitwas carious, that from the mo: ment the small for shuckout, the Chini: turned. In Patients labouring under-Quele theum ation the infection should not be inserted as being on inflamme. long state of the system. DOVI. Dentition. Before this period Ino: culation is certainly very improperly practised if it can projetly bearviced, at unearly period the purtules, by

stopping up the nostiels prevent their suching of they are deprived of their or: dinaly aliment, of have always ad: visce partial purents to get their child: zen taught to feed on spoon ment be: for moculation is performed. DEVIT. Summer. We have sarely any ex: amples of this Pute sceney being in: duced to any great degree by the Sum: mer heats in this chinate, but I have Isaved myself in Glasgow when the Smellfor was Epidemie that the deaths were few in april, the proportion ins trensed in may gloom of decreased on The approach of autimn, so that we should have some precultions moises as to the time of communicating the metion. animal food - In Indos tan the peo: ple find afmost universally on Degetable-Ulment but they have a preparetime called & even this they avoid for Sometime before Inoustation DCIN W 1. Mercurial to Their uses are to me very uncertain, Vid Edinburgh Medical Yours for the years 1735 & 1436. 2 Inconsiderable take for example Donodalis Ineparatory Powder de most miliacions composition of brate lipes of Einetic Sartas for the former mud Wishart The acid from the letter which contains only about to of agrain of the antimony. Intemporance. There known motion. ces is Justono grown up where the disease was brought on seem nigly in convequence of it, of in every modame of this find it Treon Vid

I have ansiderations which principally moduce me to avoid as much as possible communicating the injection to acutto who are hable to & susceptible of attourchious susceptibility of all those mis preforins which may be so easily avoided on Infunts. da DCXI. Tour of purpose Choice of the matter. The Suttoniano have pretended todoried great advantage from taking the matter as soon as Map pream, but this of everyother Inceaution, as to the choice of injection is seemingly void of foundation - Butas prejudices prevail in the world, they are not cavely overcome the proatitioners may of should comply with them; by following thelules m DCIII.7. It may indeed be said that this is comething different in the nature of the infection of Small Dox at different times

on different corum stances, so as al one time to produce very universally, a few war able disease, at another the antrary We have certainly motunes of This when the Small fix is Epidernie, the ormelas precautions were tupen when ever the disease appeared, of out difference would not always of so very ginen ally defrend upon the constitution of persons infected - But the course of this difference in the nature of the Small frex are tobe sought for in the state of The atmosphere at the time, which has great effect in variously modifying the victence of Epidemie diseases as Ibefore ebserved. It has been supposed by many that other discuses may be communica. ted by their injution taken from aperson labouring ander them. This hersparties. larly been afouted with regard to Surfishala

I syphilis. We cannot to be sure give a direct negative to this, but even sufficing such diseases may be communicated in ruch a manner, it is highly probable that the quantity of matter introduced in nocalation never can communicate Them to a healthy person. DEXII 1 Quantity. The chinese take apar: cel of the our to which have fallen of from aperson who has had the desense y wrapping them up in whon introduced Them into the nostilo, gyet the descuse is do favour able among them as any where I knew apractitioner who used at ways to moculate in four places of the discuss was as mild among his Patients as among those who were mouluted in a lancet.

I drnew a Gentleman who having collected aguartity of crusto of the small por threw them with a meto of pottage they were all rates of get the disease fireduced by them was as miles as. usual - These facto will show that the quantity introduced has no effect on The fiction discused ment for DCXIII. 1 booking Purgatives. Mousnot a working prorgative used by the Suttonians of 2 Shing and Ithink itiom this they are principally of not case to the DOXN! 1 Blood letting Andwhich was in my younger dues much employed. of Industan when they make the per: son lie in the often air without any cover: ing gufterwards employ who bathing if The dunger of the disease officers!

envicuoma 1. Thursful. I have seen them prove hurful - Dunching the lender whim: entury canal of an infunt must doo: troy its lone of perhaps affect for ever no comment onnest Part: DCXVII. 1 Symptoms - and if doubtremains, some degree of loma - Spontaneous vomiting I of what It Sydenham -pointed) apain on presoning the sto: mach, almost clearly show the dis: ease to be the small fox. DCXVIII. 1 Blood. Awording to The ancient of Bochadvian practice but Sonly suy itis to be employed when the cost de: 9 men shallnot prove sufficient to moderate the poblile symptoms And

I maintain that Vene section does not gined. DCXIX. Determination This however and the following seasons should not weigh know. DCXX. Jaka Ha I Jufantor I never knew Adulto. affected with them. 2. Lavourable Prognostis, why Scan not tells 3. Bleeding I has vometimes ap: preared to aggravate motered of aller: ating them. necessary to give it in the way of clyster.

no comment on right Par. Bleeding - But Idoubt if ouch a

octuation often occurs - The fever in-The confluent small for is very gener ally of the typhus hind.

DCXXIII. 1. Peruvian bank. The late D. monro was The first who introduced the practice, git has smed been firetty generally st. lowed - It is however extremely diff: cult toget infants to take itin vaffi event quantity. The best method is to exhibit the fine powder conjoined with exhact of liquories. It has been quen in Objeters, of The Ibelieve serviceable given in this manner yet I have rever found it so much as when given by the mouth. 2. aids - They may be conjoined. with the Bark of help to hide its taste. 3. Nitre But its tuste is so disage recable, of it is so difficult to exhibit it ni sufficient quantity that in practice

I generally neglectit. 2. Wine. I have known apatient take of bottles of wome daily with con orderable advantage of always with an abburation of the delicion which. attended the discuss. 1.00 ium. This we learned first from Sydenham. DOFF 2 once or twice a day he gives it every eight hours. In the small por from inoculation or when mild of distruct - It is hardly ne: cepsary of moculators neglect it.

DCXXV. Blisters! a constant sucression of them every 12 hours - It was afractice which Juas les into from my very first attempto m medicine of its whility I am not in: deed perfectly clear blut they may do good by relaying the spasmodic state of the shin, of can hardly do harm. DCXXVI. Gargles. Thrown into the mouth. of infants by a syringe of they should be more frequently employed than They querally are in this winty - They. land. DCXXVII. Nouseating doses. Nay afull. emeted is sometimes needoury and useful. I what some no bomment on next Part. DCXXX. 1 Trule ghard. Which Thave cometimes Journa Ato be. 2. Perurian bush to The celebrated -Di Triend & Mead omagined thwas only to be acred by purying, but in this fraction which prevailed shony younged days Trequently failer of was Whige to

have recourse to what I have recom: 3. antimornal - given whom the sams indication as in hevers. DCXXX. Measures - It has been in particular proposed to open the pustales glet the matter out on the face, but this I look on de a mischeevous practied. Und. I magine it has a tendency to indue petting the face where it would not otherwise have occurred. Lamany Thomas (The) system have occurred disense who has the stations from the limited to the vinneries with the

Chap. III. Of Measles no Comment of the 2 nest Part DCXXXIII.

1 once. This is disputed butilis a matter of no great consequence, for ifit ever does attach any one ascome hime Ais not one in 10,000.

DCXXXIV. No age - Thave seen awomany Swenty affected.

DCXXXV.

January. This is the Sydenham account; of Thew frequently ocen it Take the same course - He migeneral clivided disenses into two Jensons from the winter to the Summer Matice, . I from the Summer to the winter odstice which he distinguished by the names of Vernal of autumnal diseases . But This account of the first appearance of

The measles is by no oneans certain _ ? have known it appear at almost every veuson of the year.

DOXXXVI. DCXXXVI. Violent . And avery violent Jever will precede amild state of the DC XXXVII. I Incering Some have laken this us ageneral symptom of exaption fores, but I maintain itis peculias to measles. 2. Drowsines which is asymptom full eruptive fevers, as Small pot -Scarlatina - Engripelus to - Itis diffi: cult to explain the causes of this the: no comment on next Par. DCXXXIX. But continues The whole of the Whe: nomena of this disease certainly arise from the contagion, but we

should distinguish two stages ofit-The Eruptice and the Inflammatory which follows. 1. any period Thave seen it at the beginning of the disease, but this is drare occurrence. 2 Diarrhou Physicians have in general forgot Sydenhams account of this symptom - It is an influm making affection depending on adeterminas tion of vitiated mideus to the Sticles of the intestines to be cured by blood let. ting of not by operates. no comment onnext & Par. DCXLV 1 Freely Physicians have Ibelieve run mito the contrary extreme from the frace: the employed before the time of Syden: ham - Thave known aboy Med in the meastes Jui times in the days guith

This effect heard not recover his health otherigh for years afterwards. So that however proper the remedy be we must net exceed proper bounds, for it may be carried to excelo DEXIVI. 1. Cooling Durgatives Laxative elysters are to be frequently employed. 2. Blistering doctio in some measure a local affection similar to Precomonia Jeants. no Comment onnest las. DCXLVIII 1. Opintes I have seen them augment The danger of the disease. The difficulty of breathing by of give occasion to another bleeding to bring down the inflummation which was increased by it. I am meleed much disposed to agree with Difoung that opium of bedoing are selden pro-

per in the same disease, altho' Sydenham employed his diacedium in this dis: eased very winstantly, with the precautions muced mentioned in this paragraph -Opicion is attended with the best effects. DCXLIX. 1 Drawn Myp. Heannot be supposed That any morbifie matter diffused third The majo can be determined to the intertonco by any methods whatever, the excre: tions by living of perspiration are inmuch larger quantities than that by stool, of I should be more mehned to think That it is by these outlets nature throws Hany ouch matter present. no body Thinks quanting the acrimony of Scrophula - Survey or Typhilis Pay. purging. hay there is direct proof Thinh that Jurging cannot oferate in The manner here supposed, when mercury has been shrown into the system in such

quantities as to excite Salisation con: trany to our wishes. Safortit is in vain to attempt stopping by purgatives which are generally given with an intention of drawing The mercury out of The system. I have tried them very prequently of to no manner of purpose, it hus not been considered that the matter evacua! ted by the mitestines does not proceed from the blood immediately, but from The muces Miles, unless the practice be continued for apretty long period, -This practice has been besides extended to every exception out posed to proceed from Bulnes of the blood, but I afourthat The theory is in every motance false of The producties improduer.

Chap. IV. Of Scarlet Tever

Specifically different. Sown Sam at free vent in some doubts as to this conclusion, of am rather disposed to consider them as varieties of the same disease, but varieties considerably different which will be at least allowed.

DCLVI.

Abyranche Tonsillario, And as the difference between the Scarlatina and been I must own clearly or sufficiently pointed out so I must over that the real difference between it of lynamine tonsillario are not very oversus.

2. Sources. The swelling of relievation are sometimes so slight that we may be led to doubt whether they might not have taken place in the Epidemic menti:

oned by Sydenham without his having taken notice of it. no Comment on the follow 9 Par? DCLXII. Every- This expression is too strong, for there are some cases of it where the af: Jertion of the James is so shight as searce: by to Obscive any notice _ Is hould have said whose the affection of the face: De I XIII. Bash may be administered, but yet The quantity is so small that it is of little use, yet no Practitioned should aut agamst apopular opinion.

DCI. XIV. anarsaria - This however is some: times a serous consequence. Vid Dr Withering on this of the parts of the discuse before us . un

Chap. VI. Of Engineelas DCXCVIII. b Drowsings - I would not allow to be umark of internal affection . - It attendo as Imentioned before almost every emplie disease! DCXCIX. 1 Letent. Thave seend begin at the tip of the las, of itis not assumprequent part for it to appear mit first. 2. Turgid But Thavenever scena turgicity of the face of amurk of amore vident discuss than ordinary.

DCC. Considerable disquamations - 2 doubt is this is accurate, the principle des quamation is from the Histored places. no formment on the 2 Mouning haragrapho

DCCIII.

1 apoplectio and when it ends fatally I! believed thes is the case.

Translation & We have not one instance of the Difections of Patiento dying in Erysipelus either in morgagnel Ries: Touch or any other author - I don't however believe that death is ever caused by atrans lation of the disease from without mwards to the brain of any other part. no Comment on the next 3 Pars

DCCVIL 1. acimony Thave known an by: sipelus oran hythema of you please to outlit, wise from ablistered part Vahind the ear of be from these com: municated to the side of the face at: tended with all the usual symp: Toms no bomment on theneit Par?

and as in many instances there is no other. These words should be altoge: Ther left out forigit be merely at exter: an Engripelas. Lanum which I have known em: Saturni it of wine but I have known the In.
Stammation always encreased by
Them. 5. Mealy Powder There is a constant acrimonious undation from parts affected with hysipelus - Ontrocal when sufficiently fine is to be fire: forced to flowr, this last much more readily unites into husts which

prove very houblesome - Thave said That himed applications tend to Spread The discuse, but Jam informed That one of the first Surgeons of England employs what must be considered as of this nature - I meun the believest leaves of it is said with sufficient oafety of advantage. Ho Comment on nett Par. Dec XIII

Peruvian Mary and I am now told it roquen in every case of bryoipelus in The London Hospital withwhat propriety I shall not here say, asnot acquainted with the practice

will acho started this quiring whether

on a committion or a detine of the ming

Chap. VIII. of Miliary Lever Decxvir. Tives - Throw some persons who can hardly be thrown into a sweat or moident heat without being affect. ed by amiliary eruption which is by no mound the case with the ther Exanshemate.

no Comment. on next Part.

DECXIX.XIII. 1 Tetrile diseases Or in Mer words Amay attend every febrito disease, I have known A attend Lyphus Pnews monia - Oheumatism to. no Comment on next Par.

DCCXXI.

Doubt much. De Huen was the first who started this opinion, whether from a conscition or a disore of throwing on his Ewale I shall not pretine

to determine

DCCXXII.

1 blear traces Vid. many gustations in work of Di Fordyce on this subject. 2. anciento . And in Frod of This I afout that wourd not certamwhether any one cutaneous affections descri: bed by them be the same with any one of the different autaneous dis: euses known at present. DCCXXIII.

1. always precedes my experience in this disease is not sufficient perhaps to authorize this afourtion . In what ca: cases however which have occurred to me, it has been the case.

DCCXXIV. Contagions. I know but one author who has up extedit is so I mean D. In Forlyce. Howayo that his hunds have

been affected with the emption from The handling of persons labouring. under it I But I should maying it was produced merely by the applica tion of the acred matter of the pustales producing an by thematic affection. Shin. I find avery seprotable support to this opinion, the learned 9 judicious Cardus De Mertoons of petersburgh who agrees withing in this respect. no Comment on the 2 nest Par. DCCXXVII Prevented Jam much confirmed in

This opinion by the afvent of the leave ned of judicious Dethite of Munches: ter Defoung was also of the vame

BOOK IV of Hemourhagies of Hemourhagy in General DCCXXXVIII. Persons Twus disposed toadd ... here to young persons especially, but most systematics havedone so, but this could not be introduced with insprectly as Jum hereafter to show that some species of Hemorhagu are most prequently in the old. DICXXXIX. Cold stage Throw vome persons .. who will with difficulty oredit This, but the itis not be considerable aom Intermittento or inflammations degree. degree. No komment en net l'ass

DOXLIII.

Presidently to the presence of the cold stage which cannot be expected to ... lake place in a purely to pical af: Justion.

DCCXLIV.

Inequality How this is produced is to be explained hereafter, an increas:

Let prefour more part or awant of various causes, I in a Machine so neichy adjusted as the human body must occasion an unnatural dis:

hibution. (Vid § 749)

hofomment on next lass.

DCCXLVIII.

So soon lecovered. Mono: Dodast...
concludes from calculations that the iof blood when lost is restored in five days
But yet we consider that the lecovery

flost blood is not so sudden as mons. Dodart would wish us to believe. Plethoric State Graziers are con: conced of this by experience. They generally bleed their culves the Defore they attempt fattening them. of Idiopathie Hemorhagies worthy of attention are the Epistaxis - Hemop: tyvis - Homovhois of Menorchagia of which the Spistaxes most common: by appears michild hood, & towards Homoptyvis when the body is arrived at its Rome of the Homorhois when Idiopathie most generally occurs in advanced life.

DCCLIL. Extension - It may be vaid that I

have overlooked one concumstance which is that the distending power which may be considered as residing in the heart probably encreases mas quat proportion as the resistance to exten: vion in the different parts of the body we have no certain means of deler. mining the force of the heart whatever. Eperimento may have been made to ascertain it, but we may with great probability suppose that its force is encreased in proportion to its encrease of bulk of itis proved that the heart. by no means enercuses in bull in propertion to the other parts of the body, so that the distending force is by notmeans encreased Int proportion to the resistance, of this is finely illustrated by gradual diminution of growth so observeable from the first appearance of the fether to the time the body has

arrived to its Rome.

DCC1.III.

Head - For it is necessary perhaps of most proper that the organo of sense chould be the first coolied, of that the brain arrive at perfection as soon as helveble being an organ whose influence is absolutely necessary to The proper exercise of the Rinettons of of the body. And DCCLIV.

Direction which is protty well out: ported by the fact that it is on the fore: head Sweat first appears when the as: tion of the heart of deteries is increased. It to on the forehead also the branther mata, as Small Dos to first makes. their appearance

DCCLV.

Rupture abordwill bear extension

to a certain degree, the resistance always enceasing to degree of extension but -when Estended to a certain degree, any Suptine of it. Density It is aurious fuct that The density of the coats of octoch enereus: es in proportion to the diminution of Their bulk, so that the smallest vefsels have the thickest wats.

DCCLXIII.

acme The most common period of its appearance is from Sixteen to twenty Jeve years double the numbers that happen between Sixteen of thirty find. of there are five times the number which happen before Twenty five than

nobomment on nett Pal.

DECL XVII. Later perios. I have priour one

motance of it out Forty, and another at Fifty I to Comment on the next Par: DCCL XXV. 2. It has been disputed, some mas ring the prefoure of the air on the lungs metto exceed afew owners, There making et equal to me found. not to enter into adispute of this nature I think it is evident that the wir does prefo in some degree on the octoch of the hingo and consequently thatithen this is umoved the disposition to homorrhagy will be = come more strong.

3. Anger It has often brought on apoplery of Thewe known it produce Epistaxio mavery papsionate child. any wind instrument. 5 Stooping may in the young. produce Epistasio - In the of Opeo:

apoplesy. Digatures Thave no doubt that a tight bravat will produce an accus: mulation of the Hood in the vefoclo of the head. Leternal prejoure will produce accumulation as learning agamst a Dish muriting - Tight Pacing doin: pede, & Jam sure do the circulation of. The lungo of mance Homophysis. DCCT.XXIX. 1. It may fall on the hings brain or other vital parts. 2. This Homophy sio frequently onduces Phthisis Pulmonulis, and Tho' Ihave veen Guistapio frequently re: here apoplepy, get Inever Arewed it in da people without its being attact tie affection. 4. Thave seen large Hemorrhagies whether natural or artificial induce

Dropsys of an meurable nature. no comment. on the next Par? DCCLXXXII 1. Pleshorie That Homor hagies at ways arise from the state of the body of do not afrest, but it certainly has consi: derable power in hustening the of Jeto to be a rected from particular conformation. 2 Chief means perhapo in some cuses the only means 3 Inequalities and Ibelieve there neverwas asystem formed without some small and particular mequa lities of this nature.

DCCL XXXIV. Idnow algentleman who cursas hofy his appetite by taking a quan: titly of dequid equal in buth to the desured quantity of food, which the said tiofying to his desire of food cheats -

The system of a certain proportion of whi: DCCL XXXX.

Exercise aman walking moderately will perspire double the quantity than if he sat still

DCCLXXXVI. 6 Different Thus Nwill be carident that The exercise of the lungo would bevery improper for afratient on Homophysis, (Daning or walking for a patient in Mamourhois Menouhagia do.

Dect XXXIII

I have omitted here perhaps the con sideration of other wantons. Purging Itake to be a sufer practice Than Hood letting by diminishing the

DCCI XXXVIII.

Homote Causes all except the ap. phintion of which is sometimes

apowerful remedy. So far Jagree with the Stahlians of some other practitioners to be here: after mentioned. 1. Inflammatory Viathesis There is no doubt of its presence in some cases, I have seen as thick an inflammatory monea. Momourhagies as in price: 2 Moderate to suppreso, when they will be hereafter explained. 1 (Doubtful. Nid Heberden Rond. med. trans. Vol. 2. 2 wacuating Ibelieve Whoberden has been mistaken with regard to his opinion of the use of blodd letting -It was merely for the purpose of

evacuating homay be right. But I magine Aproves useful on a different principle that I have here laid 3. Gradual. where the flow is. from asmall aperties us is generally The case - Abelieve Vene section is les quisite, provided other concumstances which indicate it to be present. But igit be from a large apertund Jagree with Heberden that it is useles. DCC XCV Blistering When I first came here an old Surgeon informed me that het. found abhister on the nape of the necho or between the shoulders was amost hows: enfulremedy, I put it in practice and how I found it amost valuable one both in Epistaxis of Homophysis gitisnow very generally employed herd and that it has reached the bontinent -

mertous.

DCCXCVI.

Yomiting There prequently prac: tised in the Royal Infirmary par: ticularly in Hemophysis, Joralengh of hind with impermity, the not with very great advantage till I found it coreased the Homophysis mone pa: hent very considerably so that I have not heed it since - I have fre: quently employed nausculing doses my advantage. DCCXCVIII.

Negetable Astringents the Ihave said here that they are only useful in the ahimentary cancel get Insuber hiered that their feets may be estended to the rest of the system by their action on the moving fibres, I there

to a strong proof of this in the fact that vigetable askingents cure Intermit tents - I say also here that they are not very powerful but & believe some exist of the Vegetable Kingdom that The persolved of strong howers - I allude particularly to the Thino which Thave lately found very powerful in restraining uterme Homowhagy. Chalybeats I believe is projectors of strong powers when given in larger doses than usual - Thur myself been once accustomed to exhibit it either the Dimature martin or Prubigo Seri in the quantity of a few grains. on aday, but Ihnow it has been given with buccep in the quantity of 3 vi ma day, but Ibelieve these large quanti: toes are superfluous for they wile only act in proportion to the quantity of acid in the stomach . In Saturn?

from the efferoscence which takes ... place in the mixture of the two ingre: diento, I should ouspect some decompo: sition of them at any rate Ithink the Withird of Lead is avery mest prepa: alum Hwas pequently em: ployed in composition as in the Pulo: Stypt where it was combined with the Song: Dead but this last was a very useles inquedient for its astrin: gent power is not great, gitis entirely insoluble with animal fluids - the Jerra Jap. was afterwards substituted but I believe this is always adulterated echenitarios here - I pund Imake no doubt of its possessing strong powers, but Ibelieve only addition whatever will not increuse the power of the Inedicine with regard to the dors of Alum I have generally givenit in

pretty large doses - Inever could give none larger than I as it generally pro: duced vomiting - and altho I was at first approhenous of some baseffects from such quantities applied mme: diately to the Intestines, yet when quen m'hos large quantities it al. ways produced vomiting or Jurging I have given with the best effects to the quantity of 3ij mi 12hours. Coldwater The addition of aquantity of common sult renders it much colder of much more efficacions. When how bled with Epistagio Shave found that on dejijing my hunds mwalet rendued very told by the addition, the Homowha. gy stopped, the I had in vain tried before plain estdwater.

Deceit.

Deliquium I received this observation

from my late freend D. Aunter, and he found Deliquia or Juguently quel his indeasours to bring at on by raising The patient from an horizontal pos! formed of the stay coming musiles of the But as the de her healt the but to their water the surpary that the scapele to from which to performed by misocholying be lives the Teaperta of the neigh which is

Chap. III. Of Homostysis Dece XXXIII. Prominency of the Shoulders. Theleas. son of this is curious - The distension of the thorax is an easy respiration per: Jovemed by the Intervotal muscles alone, but mall difficult beathing. muny muscles of the back as the an: hie Just de but to their action tisnecessary that the scupula be fixed. which to performed by muscles tying be: leveen the Teaperle of the nech which in action must consequently raise the Scupula upwards gig this be constantly performed the humeri a Mati will all last become very perceptible. Dece XXXIV. Suppression Thus it has frequently been known to occur after the stop= page of Epistasio, brafter the cefour

tion of the menotical flex of fimales. amputation, of which I have I nown many instances DCCC XXXVI. 1 External heat Ved Witheringham Sent in his Commentarium nosolo: Bruises de Dece XXXVII. I Jense of Heat - Why this felt particul Justy under the sternum I cannot 2 Saltish taste - This has been by some supposed to proceed from an deri mony of the fluids, but this explanation is by no means satisfactory - nor V. magine it is owing to the leffusion ofvelum from the gradual dilutation of some vejoch of which serum Sujocht on spite of Di Linds curious afortion

esativays valtish. Dece XIII. 1 Janes These known more than one motunes where the discharge from a Vene: realaber in the throat gave the alarm Dece SLVI. Temales Unless when they show w disposition to Polithisis. Stagnate Samuel certain of this be nothern Physothesis of formed more aponion jecture than proof. DCCC XL VU. Return prevented Hamphysis withe only Homourhagy which the Stablians have made an exception to their gener: effusions of Novo? DCCC XLVIII. Peruvian bark, which the present age veems dis posed to consider as a pana: cear

Hurtful I have seen them evidently mereuse the Dyspinea. Blood letting - Thave agreat deal of eur reviety to know how the judicious The: berden practises in Hemophysis. Dr. Dover aperten that Phthisis could Iten be cared by bleeding a lone, of more certainly Homeptyves. He mentioned bleeding mil 50 hines - There seen! This practised, but I must say never with succes miththisical partients, The Deertainly consider it as the best remedy in Hamspityoio. wine of animal food I have a lways ocen attended with the word consequences Is what be employed as a part of the antiphlogistic legimenrecommended? It certainly generally stopp during the winter bekson. But Ibelieve the re: turn of the descuse on spring is owing to

the cold of winter bringing on a Phlogistic diathesis, which is brought into action by the Vernal heat. and I have known motances of Homorhois, thatis Thomop: tysis put of by avoiding the winter of This Country, by removing to a warmer chimate - There is a set of lemedies which has been employed, but as Towhich Sem tertain some doubt Imean Opiates. These Safsert always increase the Phlog: Quethesis of the body; where avery villent cough is present they may be que in allaying it. but when such was not present, of when employed early in the disease I certainly have seen them hutful. avoiding - Ishould have specified The yercise of lespiration, which is in a particular manner to be avoided, as Speaking - Sniging to Carriage

Carriage I know a lady who could. only recleived by travelling, for when ever she remained a few days without exercising on her carriage her Homophy: sis retwined but by lontinuing this more of horing for some time she at length got rid of the discuse Suding Threw alady in the Morth of Scotland predisposed to Whithisis & was. sized with the most swew Hamophysis Iwas called in frecommended or The last lecourse alongage at Jea, Shem: mediately got on bourd alifeet going to London & during their passage her discuse entirely disappeared - She went to afund in Uses where after u: maning for a fais days her Homop. typio returned - The went to vea again The desinod again disappeared and again returned on her being vel on where the went again with the same surejo g'after along voyage which

restores her health maremarkable degree shefied herself attust in Scotland. The disease recurring on ayear or two she took avoyage to Lisbon gafter a short stay exturned in perfect health which the still enjoys, it being fifteen years smed she was first attached with the discused. Swinging has lately been lecom mended by I Smith my former Pupil friend of from his veracity Imakeno doubt of his aperimental - Thaveonly seent employed in two instances, In one quhich litwas manifesty attended with disadvantage - The The Wady has grown much better, but Inwer say it produces the effects Dismith mentions flowering the Bulse

Chap. IV. of Ihlhisis DCCCLVI 1 Greenish Sam doubtful indeedig ever mucus afoumes this colour. 3 Odown Buymans has inade This one of the principal marks - Ho hus likewise hought in anew considera: tion here, for he says pur is always in . flummable, Mucus never so. 4 Brugman says this is umost macurate hint, the most so of any employed. 6. Moureusily - Beagmans is dispo: sed even to deny this, The vays that none of m. Dawins experiments and to be thusted to, on the conclusions he has drawn just because vays he he did not prosecute them sufficiently or at tended them a sufficient length of

Mistaken - There known many. mistances of a patient recovering where a completed purulent expectoration had taken place of I have known a Gensleman recover after the repeated bursting of evacuation of different Vomi: ca by expectoration - Brugman has gi venus anew method of distinguishing pas of mucies which he recommendes as certain. The says that if Duo be laid by in awarm ituation italways undergoes an actous fermentation of becomes les eid, which may be discovered by the Odour of by the ordinary test of sincep fois = lets whereus muns undergoes outh DecetxX. animal ord Thave on many occasions veen the word effects from the very small: ed quantity of it, even brothe have fee

quently seen prejudicial. Milh avery prevaiting ofernion is that it is avery rowerfuldemuleent, Swould not precisely deny this, but I do not imagine it good effects in Ph. Thisis depend upon this Ibelieve tis owing to its low quality as to now: rishment compared with animal food. Nature of the will . Wegenerally pro: for the milh of non luminant attimute, The milh of Somen Ibelieve is less pro: her than that of afores or marks as. They generally use animal food of the effects of arlinas food in changing the nature of milh is Sovious from Diljourge administration of Milly Niocommon here to give it in small quantity on the morning before rising - But Wedond vee the advantage of this. Putients gener: ally sweat after taking theo warm mily

in bed of this certainly renders the prace: tice hustful with respect to the quans tity Inow it is given in this town by. Some practitioners maquantity of only half afind the day, but Inever vder any advantage whatever unless the patient lived almost entirely whit. Meriod of the disease. We should cer: tainly if we expect any advantage ex: hibet it as early in the disease as pof: Wabits of the stomach Why some stom: acho do not digest milh will is a problem difficult to Idve, agreentity of Jugar. has often made it sit well on the stomach, after milh is more easily digested thun Cows, of indeed there are but few stom. acho which will not bear it well. Decee XII. Chinate, There where quest heats prevail in Summer should not be first

visited before October. madeira from the temperature. of equality of the chimate has proved more denequial to Phthisical patients Than uny other I know . There known a patient, who was so far accounced in The disease, That he was attached with there. nort to this Island I consider dis: most proper. Spain certainly polocious a chimate well suited to the disease, but the bad accommedations of mhospitality of The bountry render it not so eligible -Thave known cures performed at Swilled of A. Queur. We are very much accoustom ed to repair to the Solth of France, but they are not perfectly free from the Winter cold of the blusto of the alps, so that no.

part there is to be considered as an eligi: ble situation, except it be close on the shores of the meditionanean. Asto Staly - Nice has been much recommended, but it will appear from. I Imollets journal, the cold vometimes arrives at the puzzing point of I have oneself known a furnity obliged to leave it on this account. It must however be do: served that witent summer heats are as Juvnicious as cold - I have known all the Whithisical symptome hurseid on by the heat of the west Indies - So that Patients should leave such chinates in the heat Joummer of move Juther North . Threw one Gentleman who was absolutely kil! led by remaining in Spain during the summer the the had been relieved of all there! we by passing the winters Dece XIII.

Decec SIII. Harm blowling particularly by flannes nest the shin, which It theils experim: ents planty show, supports the perspira: tion more than other clouthing - Thich double flumnels are often nelestary. Gestation Sydenham vaid that li: ding on horseback was accertain a cure for Philisis as bank for an intermittent. The late Dr. Forthergill afourted that Sydenham hilled more than he ever cured by this practice; but in the carly stage if gentle it will miny opinion probe dese:

wastly myteriner of them

Chap. V. of Homouhoids Dece XXVIII. Pyreria The two celebrated Physicis and of Vienna Storch of De Haen flatly contradicted each other on this subject. The first aforting that it is attended with afwer which he terms Hermon: hoidatio, the other denying any such to be usually or neceptacily concomitant of The disease - But I have myself fre: quently seen paroxyoms Imay say of Lever or Sebule symptoms precess The attacks of the disease. DCCCCXXIX. Suddenly latal Thave not known any motances of this, but Thave been credibly informed of them. Stated periods of this Thave myself veen some mistances. Ibelieve it socur only mithe systematic affection, but it

conjunction with the purely topical dis: ease unders this circumstance not so common as Awould Thewoise be. Dece XXXII.II. Various Morgagni ques some en: stances of this, but Thewe enquired par timberty of the late D. Munter, The has informed me, that after sheet examina: tion he never could discover any such. appearance. Dece XXXIV. Difference of the Hornourhordal vysels. According as they proceed from the My: hogasher hunks, or from the Vena fronta: rum this was particularly the finion of the Stahlians. Decect.

Diet fruit. Are generally batative of may be inhaduced as a part of dietmay be inhaduced as a part of dietThe vame may be said with ilyard to
firmented liquors which are generally

Saratives especially the whoes. Ales. 2 Medicines especially the Flor. Sulph I these are rejected or not powerful enough we have recourse to the valine purgative, particularly the Crystal of Fartar, whichmay be joined with fruits as in The lenitive Mechany Jalapalso may. be given fis sufficiently mild as in our P. Jalap. Comp. If these are not suf: ficient we have recourse to others as flows: bers Salto or what is now generally out: stituted the Rochelle Salt, the Best man ner of exhibiting them is diffollowed in a large quantity of water for Bi of them well have more effect when dipolocod in alarge quantity of water thandouble The quantity in a smaller - The Oleum li: cine may also be employed, but the dose onrepetition generally requires to be encreased as Thave very Requently Observed.

DCCCCIII.

Orkilies many have been recommend:

ed by Jurgeons to whom I refer you

Did Morgagni de bavis to Prios 33)

Astringents Aremedy whichwas

quien out here as a powerful remedy for

The piles of which was certainly often at:

tended with sucreps, has been discovered

to be an ointment composed of powdered

gulls of Hogsland which you may employ.

Decective.

especially liable to the disease and I maintain that Spirituous liquors of maintain that Spirituous liquors of all kinds of opium tend particularly to support or first induce thomorrhois. In menowhagia which Thave known continued to the 50 or bo year mad woman who generally aranhabottle of Rum aday - of many other instances

of a similar nature have fallen ander my consideration!

Decettive Decectiv. Service The They are in the main hurful as encreasing the laxity which gibes occasion to the recurrence of the diseased - Decehes or the Sancet-Camphor disolved moil hasbeen frequently mixed with these poulties. Opium has likewise been applied externally of Minh may be of service if not in quantity sufficient to induce Costivenes - Thave not many years of become acquainted withanin medi: one whose speration I count well explain I mean Balo. Capier 9 to XX - XXX difoolved in the of the of an egg of taken internally, but whetherits operation be explicable or not. I think it proper to jammunicate to you asa fact of hung

Chap VI. of Monovihagia DCCCCLXIII. More frequently - The usual period is from 20 to 30 days. tity I cannot speak with certainty. Decect XXIV. Barrennelo - Ithink Thave found it in g cases out of ten connected with an immoderate flow of the menses. Decel XXVIII. 1 Nourishing diet - In my opinion The finale set should constantly use amore absternious diet than the male, for as the particular functions of their bor dies require afolethorie state of the system so they are particularly disposed toit. Edd. Jamestain that when a for plied to the feet in the absence of the. menses it may bring them on!

3. Aursing - Hevery part of Labour . tends to overstam of destroy the tone of the aterine vefselo, newling which his certainly pointed out by nature after de: livery, is proper, The determination of Unides to the Uterus is by this means taken of , prequent cheld bearing prev: ented, of the ochoch of theaterns Stam time to regain their former fone. Decec LXXXII. astringents Defoung frequently in: jected coldwater into the vagina with success, the I have never dared to go fur: Ther most probably from old prejudice)
Than external letion Emetics I have known them prequently given I have myself given small doses of Thecac. of often dith success. but Jum far from considering the utility of the practice as beyond doubt, of Suthwilling to leave it to the test of experience.

Chap VIII. of amenouhoa. Decec XCVIII. 1 hourteen Idoubtif Jamcorrectup: on consideration, in placing this as the usual period of first mentication Ira: Ther suspect that they first appear in This chimate attheage of lifteen. Sisteenth I have known one makenee where they were delayed till the age of 20. Decexerx. Preternatural appetite. If Jeguently. appears also in pregnancy so as to shew His connected with every copation ofthis evacuation, but why I cannot free tend to explain. 2 pains of the back - This is incorrect as they seem only to occur when nature makes uneffort to restore the evacuation. foldbathing. Ibelieve it is apower:

ful tonce of will damcestam proved use ful, either before inpreventing or mm mediately after the commencement of The discuse in curing it _ But I should have said that it is not to be employed. after the disease has continued for any Time, for as the tonic powers of will depend upon the reaction of the system, when the body is debilitated to acer tain degree - Its effects will be debilita. thing as I have Observed in this very disease. Chalybeats, but they must be given in larger doses than Physicians gen: er ally do. Purging. but no large evacuation is to be allowed. Walking and should have particus Sarried dancing Compression Jas I have suggested, the action of the Uterine

vefocts depends upon the excitement of The ovaria, it will hardly be sufficient to determine amore copious flow of blood into the uterus, of as the compression ofthe Rices will hardly determine a great: er quantity into the spermater afteries which supply the ovaria so asto excite their action, we can easily account for The succesoful attempts which have been made in this way to restore the

MVI.

I should have here recommended. Those medicines which stimulate the Uvinary organ, as bantharides.

Specific Some of them as Gams, I have found to act mamanner to milas to alves, of may at times be successful enthis. way. Some of them are also spasmodic of may perhaps be useful in this way like.

There perceise an omifuion in notmentioning aremedy of the unciento light acris peldaries. These however Thave ne: veremployed on account of our state of Jimagine however that acid in jections may be employed of act in a sim: itas manner, that I have never employed ed them. Poisons Ibelieve maybe enumerated among these. Saturni introduced mito the system has sometimes induced it. bring on the descuse. Debility as in Phthisis pulmonalis it very frequently accompanies females. When indeed the system is so for debilition

ted that the vefsels are unable to propel The blood mits the adnata we can cavily conceive how this flux is stopped.

MX Same bause. The expression is incove rect, it may be imagined that I mean he Methoia, but Jonly very that they arise from the suppression we are heating of. Marin bathing Iknewitoner applied macurious manner. While the lower font of the body was immersed in thewater, Coldwater was thrown on the apper, but it neither produced any disorder on the system, nor removed the disease. Continuance as mercury which may be given before the period y with: nued in small quantities.

Chap. IX of Symptomatic SI. Homatemesis MXXI. Mars - Lungs. Do No. 2. Peculiar circumstances - The only 4: I lanation I can give in this case is the connection which subsists between The aterus of stomach. MXXIV. Remedies - as Amulant medi. cines, warm bathing of the lower extre: mities - Electricity 86. SIL. of Homationia MXXXV. Inever knew a Homaturia that. was noteither preceded or soon followed by afit of the Rephralgia balculosa, un: Olego occasioned by Wher condent causesto be hereasthe mentioned.

MXLII.

Stomowhois Visica. Thave sun this af Section go so far as to produce a sceration of suppuration of the parts, so that a commu: nicultion between the bladder Alectum was forest, of Thave seen in semales such a communication produced between the rectum Lvagina, that the sees pased this latter passage.

Moch V. Of Profluvia of batarh MIVII - my grant fre brust. I have seen as great a crust on the blood of persons habouring undera common cold, as from that of persons labouring under amoist exchasite Pleu: MIVIII. Exhalation from the lungo. D. Reil -has shown that agreat deal of the bor dy's weight goes off by the lungs, the I cannot lock whom his calculations as 4 perimento as exact for the dry ashes This which he breathed of determined the thulation of the lungo by the weight it garned would certainly have dequired additional weight by being exposed to the common dir which always contains

Chap. II. of 6 Dyoenterry MI XVII. Ishould have added to the definition that itio a divease highly contagious. ML XXVII. Small quantity. Some Ruthors mention its coming on with frequent copious stock, but this is at least very race. I have never Asserved it. MLXXX. 1 Lapatives Limmerman recom : mendo Manna - Samwindo - brem: Justas do 2 Powerful The Javourite umedy here formerly was Phubarb conjoned with Coulomel - Viheer Antim: ceratum ach inno other manner miny spinion than by its lagatise powers. 3 Improper Roit requires alarged dosed to act property us its withers and

very uncertain of as it is an astringent.

MIXXXII. Chyster's I should magine that it would be agood plan to treat the Dyoun: try somewhat like an by dijecting large quantities of warmerates so us towach of distinct the colon. ML XXXIV Any meters Blisters D. Blune informs us that when affected with the disease himself he Married relief from pain principally by the use of formentations of thisters. ML XXXVII. Demulcents hence the use of the Gum Unabid is very proper, but it is not so power ful as the only Degetable - DBland how The impropriety of Aminal food. ML XXXIX. Perusian Burk-But DB/une informs of such a complication.

Mart II.

Of Neuroses

Book I.

Of Comata ten notes of apoplescy ten notes of Wooplexy I cannot here help taking notice of afact very difficulty explained Voil that cense remains sometimes in amusele white motion is destroyed of on this fact many have Jounded andfermion that The nerves destined for sense ofthose for ondion we different, but this is by no means tobe admitted, Ithink I mentioned -In Inse the hervous fluid is profocod, being moved only by the externi at impulses, whereus in motion there is an Gertion in the brain requisite of this

may be so for weathered that motion will be lost while vense remains. 3. And it is this which twheoplace in these transitory cases of apolley. often noticed. in Themport MCV; with promote to Pressure on the Crosta. Jam persuas ded that tumors near this vegoel, ofin Juations mit or polype will diminish The quartity of the Blood it transmits and consequently increased the usual quen tity ventto the head. That ones aparticular mistance of This hind in accomman who had whereyo steatomatous tumot in the omenhing

This hind in accomman who had whereyou obe abomatous humor in the ornentum which extended from one side of the abdomen. To the other of compressed att the discersor this woman had a considerable congest him in the head, her eyes were effect, her eyes were effect, her eyes were effect, her eyes were effect,

plethe fits in one of which she at last deed. To the instion to It hav been afonted that the learned are particularly liable tothat dis: ease of many havebeen found dead me their chambers , g mideed Ithink the grees: tion Thave put here may with probability be unowered on the affirmative MCXI frequent causes. 3 This is offered as a conjecture only Extremities of Vems Ithusbeen apolities That mino part of The body do red veins. take up effects pluids, but this is certain. by Julos, They do som the penis - m the Blitoics to we are often led too far by ana logy from which about the oupposed that Symphatics existing the brain. Thave seen three of four cuses of -

1. Vochevia Tenalis all gathech proved fu: ful, mionsequence of a lethargie of who: MCXV. Mephitic air I have seen abrewer fales venseles from smelling his fermenter eng lequer, but as he could judge of the progress of the process to by omelling it, he continued it quas attast thrown into an apopletic fit by it, fahich he died. Mercury - hence are Gilders lia:
Wet to apoplery - Porters also, are vub: jed to this diseased, besides the lower Pictoum. MCXXIII. Duration Most practicul writers mention that if the disease continue. for owen days it must provefatal - I have but had and problemity of ap: MCXXVI

MCXXVI.

dow diet. But his diet should not be diminished too suddenly Sydenham guesus acurious Dischuation with re: gard to Good, that the apullacit will bring it on, yet if aboutent be suddenly put upon a spare diet stwill flen bling on the discuse, The same will also Idm sure apply to apoplety. Lowner habits Good the patient be accustomed to such astimulus, it may in some degree become necepary, of the System should not be intirely deprived of it. Excretion - Inleaving of Snuff for a hime Ihave myself been seized with vertigo, headach Do. MCXXXII.

have shown that it is on this side the Congestion almost always infound

MCXXXVI.

Stimulanto Persons who have the most practice in this discuse seem greatly afraid of the smallest stime his - Morgagni would not even allow abothle of Operat of Wartshorn to be held to the nose of the patient. MCXXXIX.

Eddwater This Spirst learned from an accident a Servaint man had gotso drank that howers not alle to show his himbs - This master sent for him of his piends - They dreading the musters anger began, from what reason I know not to wash his face of hands middle evales not finding this vulticent, they dashed buckets quater allover him which soon has the descred effect, and I have smed employed asimilar effectient with rucefo in apoplaties from exposure to fixed air

bhap II.

Of Palsy

McI. This question may with probability beanswered in the afirmative, whereke being compresed will remain often mea. puble of kerforming its functions after the prefoure is removed MCLXI. 1. I see no reason why the mariation or a concentrated vegetable acid may not be Employed. 3. morgagni would not allow their exhibition at all. Thave veen an inflammation of The eyes induced by Ustatile alkali of: plied to the nose, The the outours did not touch the eyes, for experiment rake they were covered. This whows that the action of the refords of the head is mer coold by them!

I magine modeed that the action of the vef: sel of the head is seres scal by themsel bram depends very much on the state of the excitement of that organ mdependant of the action of the other parts of the sanguiferous system. Eve have lately had another Vola: tile stimules recommended, the autum: World with the 6. Austard mits proper airid state for the powder of Mustard sudio for from being acred or quich mit ofrera: tion, when applied in the would man: ner, for it is neceptary to well the powe: der of let it am am in that solution of some days, by which it acquires at considerable greater deques acrimony. ardent Spirits _ Spind they employ at present in France the Canthandes which Idoubt not will prove astrong proper of very convenient stimulies.

MCLXIII.

they can be of no service.

MCLXV.

to give the negative here, the inconsiderable frontion of non disolved can be of nouse applied atternally of Imagine the vame benefits with arise from shople warm!

MCL XVII.

firent ways either by heaping the patient man bleshied atmosphere from which I have never ocen any benefit. The 23 method is by Sparks, but this I can redy, but the Shird method or by shocks I look upon is a powerful stimulant. When I have seen three people

absolutely killed by lectricity employed as aremedy in paloy - They died in a very short time after the application. Repetition Ithink it should be. repeated in amoderate manner, four five or six times aday of at once a day at great force, for the excitement ifeur: reed by it too high will be stowed by a propertional collapse of the disease per: haps encreased. MCLXIX. 2. Tetrady naming - as mustard -Horse Taudesh to.

Book II. adynamics Chap. I. Of Syncope MCIXXV. Proposition Maller has Ithink les us into amistable by moisting too much on the nature spower of the visinsita, for I misist that visinsita or inherent power as I cullit is in constant dependance on The brain. This may be supported by many facto - One will suffice Vings That a liga: ture thrown wind the newes leading to The heart will immediately past astop to its natural systole If Dyestole. MCIXXXII. Sedative Mutthis cannot be admit: ted as these very same odours prove otimulant to others.

Book III. We don't to & III. or the land of things of the Spasmodic affections in the Natural Functions. Chap. VIII. Pyrosis Mcccoxxx. Middle ago. This is frequently the case with various affections of the sto: much lig. Shat rage minidale life of disappear in Ad age. I have my self in The middle part of my life been subject to almost every disease of this nature. which never entirely left me till I was somewhat advanced in years, of They have now entirely left me and have had many examples of it in these Mcccc XXXI. sty without any effort to offit or

veening motion of the Bookhagus. 2. aid. Whereever itis aerid Imagine it is owing to an acidity present in the stor much before hand ghot to the matter of The disease! 3. Fit which continues sometimes for one or two hours. MCCCXXXII. 1. Laternities, when any desease arises from an application to distant parts, it. the nervous system. 2 Vafoions This is an additional proof of the former afaction MICHIEF

Chap IX Cholic M CCCC XXXV. Navel. as the tendinous effunsion of the whole muscles of the abdomenter. minate round it of the fearns of muscles mities. Telt towards their extress Winging of Swisting arise from short M CCCC XXXIX. Imagine This is rela necessary foundation for Heus Whinh Amay arise from a strong construction in one part of the intestines, while by a vistent inverted peristallie motion a prostron of the intestines is forced up around it. MCCCCXI.

Sallosa. I had some mistances of his operies of holie. In one of which the follows

hardness of the intestine had subsisted for two months without producing any symptom of Chalic till near his death. 2 balellosa . - I had once un metaned of this, where the bulk of trong matter which was of an enormous size, by gra: dually diluting the intestines drived at length at the rectum, thro which it could not be extracted till broken, yet This person was after perfectly free of the. lie pams, so that the proximate lause may be looked on as the same inall. MCCCCXIII. Formentations as either the bathing or formentation should be continued for an hour al heard. _ These last veem on this account rather preferable, fortis almost impossible to keep about proper: ly temperate so long - Thave oftenbeen Tobliged after taking the pratient but of. the bath when it cooled, as it voon does,

the Chilie pains intermediately returned.

MCCCC XIV.

I have had actual experience of The benefit of Whistering in Choke. Rubefacients - Thave employed them with advantage, of generally both before of after the venecupium but wind the navel some common Vol. Oil. Some -Camphor is generally added toit . I do not doubt but it may phove a serviceable ad: dition, but from the disagreeablines of to omit it.

MCCCC XI.V.

Costivenes which shows either avis: lent construction or astoppage of the Penis: taltie motion which spinm would encrease, 20 journ. Its speration never lasts long, g'its effects are to be continued - It should attend be repeated every eight

hours. Its effects never continued longer. Than twelve hours. When purgatives are to be given withit, these should be chosen which take sometime before they begin to oper. ate as Aloes, which remains imachise generally twelve hours. Houch Jurga: lives should not bethought afficiently brish of powerful, amore shong ones hould be given about light hours of: 3 Hyosciannis - If it act on This man. ner, as Houch says it does it must be a better medicine, but I must say I have not experienced any good effects from it - of whenit acted as an anodyne of was always disappointed as to its purs: gative effects. 11 MCCCCXLVI. 10ils. Asoil of Almondo which I have seen given to the quantity of 314.

Oits do not generally retain their form in the intestines, but I have known them sometimes come of unchanged, niwhich case they prove emollient, how they art as land tives [milaly purgation] I cannot explain. 2 Sottish fromwhat cause Iknow not, but it is a fact, that and one half The Swotch curnet cut horh - Bucon or Ther only substances of Ican very sold: om prevailor them touse these with MccccXLVII 1. Exciting the action Whether the peristable andion be excited above or below the neighbouring parts are all drawn into the same actions 2. Clysters - Thave found plan water often sufficient to produce a dood, but not rally necessary. never order any thing but the common

salt of water. 3. In fusion to Intap does not give out its virtues to water gis therefore ineffect that in infusion. 4. Antimonial wine . In cases whereit was intended that Clysters should produce Their effects very speedily, as in apoplety, This was formerly much employed, butter now heed a side. I think the Speration of The Furtar metie would be more certain m This way as well as by the stomach. 3. Turpentine. This has frequently fai: led from the negligent manner of prepas ringit - Honey has been employed to enite it with the watery viscoile, butim: Insperly, The yoth of on egg is much prepar. able but if the historation be negligently her formed itis very aft to seperate. and I helve some times Known the whole git to remaining the bag while the water was in: jected - I had been advised to let the buy

hung down to let the turpentine use to the top, of be in this manner first injected, but by long of deligent hituration with the golf of in egg it will form a smooth milhy li: quor, which will not reperate, of given in This manner on the quantity of from 36 to 3i is one of the most effectual chysters that can be employed. 6. Tobacco Smithe. Ibelieve this safely quien in large quantity. Mcccext. VIII. 1. Sartar in the dose of severy half hour. 2. Talap. His to be remarked that this resm is not readily soluble in the stomach, butif before its exhibition the resin be but a down minutely it operates more readily offer. This prospose we should employ some he: dieine to divide it. The hem: Out is the best, of accordingly such a preparation has been introduced mits the Whar. P. Jalop comps.

3 (alomel. The pench pract tioners he: quently employ it with this intent indoses de j Phiere optenseen ten gramstoses effer: & antimorial Emetics - As the stomach is so very liable to comiting. His very diffi: cutt to manage Them of for this intention they are precarious of unestain medicines. 5 bold water . This was first employed . here Ibelieve about 40 years ago & suc: ceeded remarkably on the first hial . Vid Med. Yays after other most powerful Me. Lucines hadfailed. In three cases where Thave seen it tried it weed one, the other two muhichitfailed was meurable cases of the Collier Callosa MCCCCXIIX. Quich Silver - This has Ibelieve been Juguently employed. Thave often seen it of hibited of newer with success. The theory Joan is doubful of I believe it is perfetty

false, for intios or three cases of it exhibition where the patients died soon after. I was found on defrection inflused in small globules this the wholefourse of the Intes: Mcccc. L. I quantity. Thave seen one patient who bore how highish Gallons very well. It is to be thrown ut till the patient com: plans of great pain from distention: byringe The miching ogringe ofana: 2 De Hean. He forced water from the actum fadog out thro his mouth. 3 - Effectual In three instances where Thave seen it dried it proved effectual in two. The third case was an meurable one, for it had been treed too late after a mortification had some on . It is especially necessary where the discuse arises from hardened foces in the folon as it both dilates

The papeage of softens them, I in the how in: stances I mentioned now, it brought away agreat quantity of foces, but not without frequently repeating the injection, git is observed that a smaller quantity of water can be born after every lepetition than before.

MCCCCLI.

Species - Thefallosais meurable asari: ing from a callous construction of the mites. Fines . - The Spas modica is what we have been heating of of the same remedies are to be employed in the Atercorea of bales: losa. The muoneales requires no parti: cular treatment. and the accidentalis isto be treated as any affection arising from acrid maller gredent in the alimen. Tany banul. Cholic Poilon . Ithink there is something similar in this disease to the dry Belly wet of

Thewest Indies - There are his certain Aber:

vations to determine it, but they are remark: able similar - It is like the bolica Pier tonum prequently followed by paralytice assoctions. the state of the s

bhap X bholera. MCCCLXII.

Diluents by the mouth _ Chichen broth is the most prequent, but whose this is not to be had water greet or milk whey maybe com:

played of have vormetimes thought as:

cescent diluents thebest by the anew.

plain water is sufficient:

MCCCL XXIII.

proof gordent viritation of pasm of the intest:

ines 2. Small Bulk many therefore think it is best exhibited in aday form but I. have found it too slow in its speration when solid of therefore frequently rejected it by committing without producing any good effects.

3 bly ster I great vortiting presently it in both aways together

Chap: XI.

MCCCCL XVI.

This is aparagraph of your imports:

ance as both diseases are frequently con:

founded by practical writers the they are

directly different in bause of lure.

Contagion, which Ibelieve Diwishoa ne:

ver is thus if bosseness should spread this

auchole family we should suspect it to be by

ventury, of we will often have it to unow:

prested contagion.

This, as Diwishow is sometimes accompanded with fever of D. aithenside affects that Dyventery is prequently withoutany. Instimuments this is the most certain much of distinguishing them in practice Iwas un: determined whether I should have have mentioned here Tenesmus whichis ochdom absent in Dysentery, but sometimes frequent this not so violent for Diwishoa.

M CCCL XVII.

This in my nosology for I say it never ous:

MCCCCLXIX.

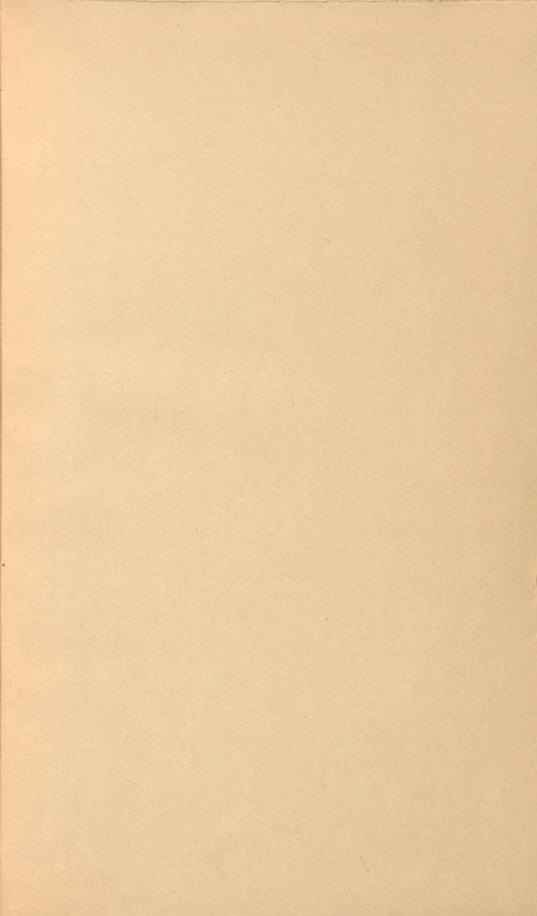
Mcccc XCVI.

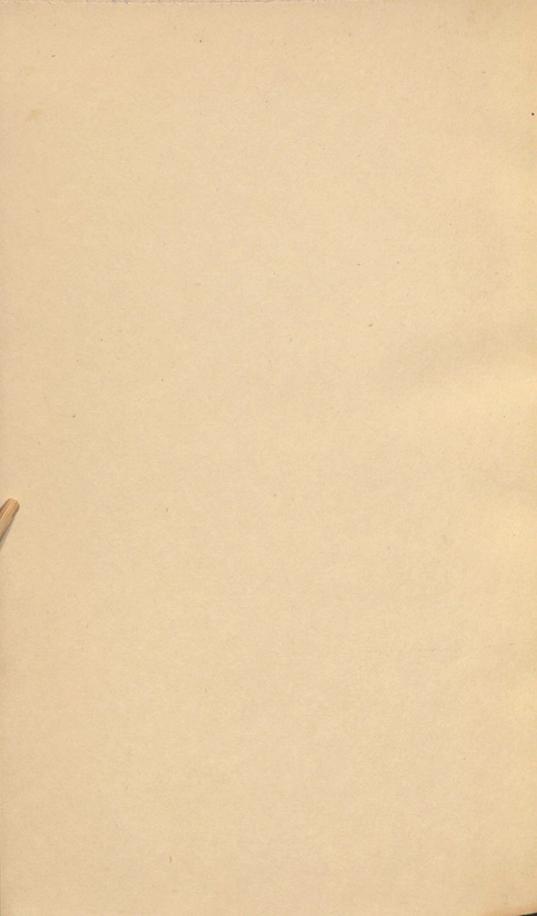
Children and perhaps only in them guhore marks of prevailing Acidety ac:

Quoch all was exhibited meway hind of Diwinhea after Dislack had somethe little absorbing prower from backeried Hanto: horn polyefold- Chalk was introduced, but it is absurd of reducedous to be frowing out compositions down on every occasion

MCCCC XCVII.

dieds. which we most uligiously ab. stam from, the Jumcestain they would prove serviceable in many cases . That a practicular motanes of this not long ago The late Six John Illest toll it with his head that he couldcure Phthisis with Demonguise of accordingly itwas pays wently employed by other Fruitioners, but always abstanced from when the Downhoa came on. A priend of mine however warder termined to continue it of exhibited it in the Miquative diarrhoa to the quantity of from Bir to By aday of with the effect of stop o fing it for sometime, of Jam convinced. They may be employed in diarrhoe aris: my from putriscency with advantage (0)





Accession no. JFF
Cyllen, William
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